

FOOD GRADE LUBRICANTS



INDUSTRIAL
LUBRICANTS &
SERVICES LIMITED

INDUSTRIAL LUBRICANTS AND SERVICES (ILS)

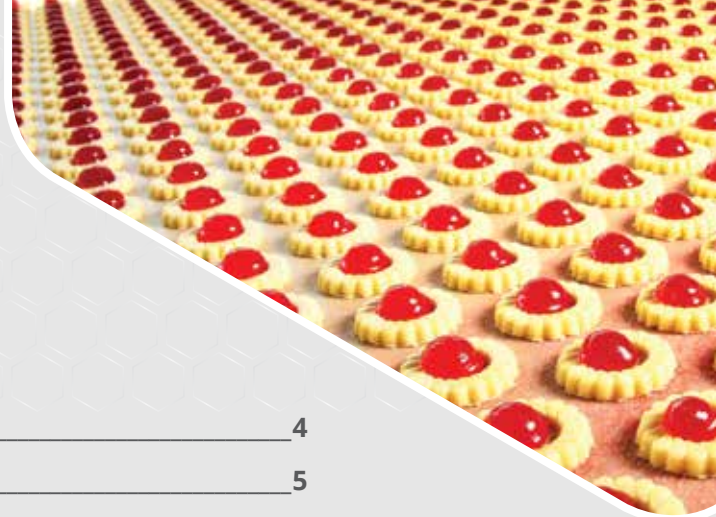
is a specialist lubricant company importing and distributing quality brands of lubricants throughout New Zealand and the Pacific Islands. ILS is the exclusive distributor for the CASTROL, JAX, and WHITMORES brands of lubricants, OILSAFE labelling and dispensing equipment, AIR SENTRY desiccant breathers and COLORGUARD hydraulic equipment.

ILS offers a modular approach from supply of a full range of food-grade products through to lubrication related engineering and hydraulic servicing. With extensive knowledge of lubrication applications and products there is no better partner for your food or beverage site than ILS.

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For product information,
technical data sheets or
MSDS information go to

WWW.ILS.CO.NZ



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FOOD-GRADE LUBRICANT ACCREDITATIONS

USDA

The USDA approval system was the universally accepted assurance of safety and quality in the food-processing industry. In 1998 the USDA discontinued their accreditation process and this role is now undertaken by third-party product certifiers.

NSF

The National Sanitation Foundation (NSF) is a US based non-profit certifier that mirrors what was the USDA accreditation process and offers a registration process for all food grade product categories. It is the most accepted global standard currently in place for products that are used in the food industry.

THE TWO CATEGORIES RELEVANT TO LUBRICANTS ARE NSF H1 AND 3H:

H1 LUBRICANTS are food-grade lubricants used in food processing environments where there is some possibility of incidental food contact. Lubricant formulations may only be composed of one or more approved basestocks, additives and thickeners (if grease) listed in 21 CFR 178.3750.

3H RELEASE AGENTS are food-grade products that comply to the 21 CFR 172.878 standard and can be used as release agents to prevent food from adhering to hard surfaces during processing. Typical applications are dough dividing, moulds, oven grills, ovens, loaf pans, boning benches or chopping boards.

All food grade lubricants in this catalogue are NSF H1 or 3H approved products, NSF certificates are available on request or refer to www.nsf.org.

Kosher and Halal Certification

JAX products are certified Kosher Parve and Halal. Copies of certifications are available on request.

MINISTRY OF PRIMARY INDUSTRIES

The Ministry of Primary Industries (MPI) is responsible for the accreditation of maintenance products used in the food industry in New Zealand.

The NZ Food Safety Authority C15 Standard is now the MPI C15 Standard and is the most relevant approval for most industries.

MPI C15 lubricants are permitted to be used during processing of food to lubricate moving parts of equipment where the possibility of incidental contact with food may occur.

Only sufficient lubricant should be used to achieve the desired effect and all lubricated surfaces should be maintained to the requirements for sanitation of food contact surfaces.

All food grade lubricants in this catalogue met MPI C15 requirements and are registered with MPI, refer www.foodsafety.govt.nz

NZ AsureQuality

AsureQuality is also a NZ Government agency under MPI that provides food safety and biosecurity services to the food and primary production sectors including the dairy sector. NZAsure assess and evaluate engineering products including lubricants for their suitability to be used in food manufacturing industries including the dairy sector.

All products in this catalogue are registered with AsureQuality specifying the product, usage and any special conditions of application, refer to the lubricants section of the "assessed products database" at www.asurequality.com

THE SIX STEPS TO A RISK FREE H1 PLANT

MANAGING RISK IN THE FOOD SUPPLY CHAIN IS A TOP PRIORITY FOR ALL FOOD AND BEVERAGE COMPANIES. ILS OFFERS A MODULAR APPROACH RANGING FROM SUPPLY OF FOOD-GRADE LUBRICANTS THROUGH TO OUR ENGINEERS MANAGING LUBRICATION ON YOUR SITE... YOU CHOOSE WHAT BEST SUITS YOUR SITE.



JAX FOOD GRADE CUSTOMERS



JAX HAVE BEEN AT THE FOREFRONT OF FOOD AND BEVERAGE PLANT LUBRICATION SINCE THE INCEPTION OF THE TRUE USDA FOOD-GRADE LUBRICANTS NEARLY FIFTY YEARS AGO. THEY ARE ONE OF THE LARGEST GLOBAL MANUFACTURERS OF FOOD-GRADE GREASES, LUBRICANTS AND AEROSOLS AND OFFER THE LATEST TECHNOLOGY FOR ALL FOOD APPLICATIONS.

With the JAX range it is possible to move your plant from traditional mineral oils to food grade products without suffering from poorer lubrication performance. JAX has an extensive range of products based on pharmacopeia white oils, semi-synthetic and full synthetic base oils along with heavy duty greases such as those based on calcium sulfonate technology.

ILS import and distribute a full range of JAX H1-3H NSF and kosher certified products suitable for all food manufacturing applications. All products are registered with the NZFSA to C15 and NZ AsureQuality for use in the dairy and beverage industries. Refer to the ILS website www.ils.co.nz for all technical datasheets and NSF certificates, www.foodsafety.govt.nz for New Zealand Food Safety certification and www.asurequality.com for NZ AsureQuality registration.

GREASE

GREASE USAGE CHART

| | Multipurpose | Bearings - High Temp | Bearings - High Load | Bearings - High Speed | Bearings - Low Temp to -30°C | Bearings - Wet & Process Water | Electric Motors | Conveyors | Closers & Filters | Freezers | Automated Lube Systems | Meat Saws and Knives | Open Gears |
|------------------|--------------|----------------------|----------------------|-----------------------|------------------------------|--------------------------------|-----------------|-----------|-------------------|----------|------------------------|----------------------|------------|
| Halo-Guard FG-2 | ● | ● | | ● | ○ | ● | ○ | ● | ● | | | ● | ○ |
| Halo-Guard FG-LT | | | | | | | | | | | ● | | ○ |
| Halo-Guard FG-PM | ○ | ● | ● | | ○ | ● | | ○ | | | | | |
| Poly-Guard FG-LT | ○ | ● | | ● | | | | | | | ● | | |
| Poly-Guard FG-2 | ○ | ● | | ● | | | ● | ● | ● | | | ○ | |
| Magna-Plate 22 | | | | | ● | ● | | | | ● | | | |
| Pyro-Plate TFS | | | | | | | | | ● | | | | |

● Primary Recommendation ○ Secondary Recommendation

HALO-GUARD FG2

A high performance, multi-purpose, food grade grease (H1) with proprietary calcium sulfonate complex thickener system for maximum bearing life, excellent in high temperature and high speed applications

- Longer bearing life due to enhanced antiwear package
- Exceptional water resistance even in the harshest environments
- HALO-GUARD FG 2 is the highest temperature capable food grade grease on the market and can be used up to 290°C.
- HALO-GUARD will outperform most standard non-food grade greases meaning you only need one grease for high speed, high temperature and standard applications.
- Contains Micronox technology for biological control.
- NSF Registration No 126100, H1 certified, MPI approved C15 and NZASURE Certified.
- Also available in aerosol



| Description | Pack | Pt No |
|---|-------------------------------------|---------------------------------|
| NLGI 2 General Purpose, High Temperature and High Speed Beige Grease | 10 x 425g cartridges & 15.8kg pails | JAX HLG02-052 and JAX HLG02-035 |

HALO-GUARD FG-LT

A high performance food grade grease (H1) with proprietary calcium sulfonate complex thickener system for central lube systems and high speed or high temperature applications where a NLGI 1 grease is required.

- HALO-GUARD FG 2 is the highest temperature capable food grade grease on the market and can be used up to 290°C.
- NLGI 1 for pumpability
- Exceptional water resistance even in the harshest environments
- Contains Micronox technology for biological control.
- NSF Registration No 126100, H1 certified, MPI approved C15 and NZASURE Certified.
- Also available in aerosol



| Description | Pack | Pt No |
|---|-------------------------------------|---------------------------------|
| NLGI 1 General Purpose, High Temperature and High Speed Beige Grease | 10 x 425g cartridges & 15.8kg pails | JAX HLGLT-052 and JAX HLGLT-035 |

HALO-GUARD FG PM

A revolutionary food grade grease with proprietary calcium sulfonate complex thickener system and high viscosity base oils, ideal in high load, shock load, and high temperature applications.

- Exceptional load carrying characteristics for applications such as pellet mills or other high load, shock load applications.
- Exceptional water resistance even in severe chemical or sanitation water environments
- HALO-GUARD FG PM can be used in temperatures up to 280°C.
- Strong anti-wear package.
- Contains Micronox technology for biological control.
- NSF Registration No 136969, H1 certified, MPI approved C15 and NZASURE Certified.
- Also available in aerosol



| Description | Pack | Pt No |
|--|-------------------------------------|---------------------------------|
| NLGI 2 General Purpose, High Load and High Temperature Beige Grease | 10 x 425g cartridges & 15.8kg pails | JAX HLGPM-052 and JAX HLGPM-035 |

GREASE

POLY-GUARD FG-LT

A food grade grease with proprietary thickener system and PTFE ideal in central lubrication systems and other food processing equipment.

- Exceptional pumpability that will resist separation.
- Contains Micronox technology for control of microbes.
- Offers the highest levels of antiwear far exceeding conventional food grade greases.
- POLY-GUARD FG-LT has a non melt thickener and can be used in temperatures up to 230°C.
- NSF Registration No 125341, H1 certified, MPI approved C15 and NZASURE Certified.
- Not compatible with other food grade greases on the market.



| Description | Pack | Pt No |
|---|-------------------------------------|---------------------------------|
| NLGI 0.5 High Speed and High Temp. Processing Machinery white grease. | 10 x 397g cartridges & 15.8kg pails | JAX 00491-052 and JAX 00491-035 |

POLY-GUARD FG-2

A NLGI 2 food grade grease with proprietary thickener system and PTFE ideal in high speed bearing applications, electric motors, can closers and related food equipment.

- Exceptional pumpability that will resist separation
- Contains Micronox technology for control of microbes
- Offers the highest levels of antiwear far exceeding conventional food grade greases
- POLY-GUARD FG LT has a non melt thickener and can be used in temperatures up to 230°C.
- NSF Registration No 122699, H1 certified, MPI approved C15 and NZASURE Certified.
- Not compatible with other food grade greases on the market.



| Description | Pack | Pt No |
|--|-------------------------------------|---------------------------------|
| High Speed and High Temp. Processing Machinery white grease. | 10 x 397g cartridges & 15.8kg pails | JAX 00492-052 and JAX 00492-035 |

MAGNA-PLATE 22

A low temperature food grade grease with a calcium sulfonate thickener system and a synthetic base oil for any food-plant freezing machinery applications.

- Exceptional low temperature performance to -50°C
- Remains soft and pumpable at very low temperatures
- Exceptional water resistance even in severe conditions with very little or no water washout
- Contains Micronox technology for control of microbes
- High antiwear characteristics for longer bearing life
- NSF Registration No 136971, H1 certified, MPI approved C15 and NZASURE Certified.



| Description | Pack | Pt No |
|--|-------------------------------------|---------------------------------|
| Low Temperature white grease. NLGI 0.5 | 10 x 425g cartridges & 15.8kg pails | JAX 00222-052 and JAX 00222-035 |

PYRO-PLATE TFS

A synthetic NLGI 3 grease combining a PTFE thickener system with a silicone fluid formulated to provide exceptional compatibility with EPDM seals.

- Exceptional elastomer compatibility
- An exceptional sealing grease in dispensing equipment
- Leaves no residual taste
- Will not impair froth/foam formation (beer)
- Not compatible with most common FG greases
- NSF Registration No 143066, H1 certified, MPI C15 approved and NZASURE Certified.



| Description | Pack | Pt No |
|--|--------------------|----------------|
| NLGI 3 Silicone grease with outstanding elastomer compatibility. | 1 x 550g cartridge | JAX PPTFS3-004 |

FLUIDS

| FLUID USAGE CHART | Multipurpose | Hydraulics | Gearboxes | Compressors | Vacuum Pumps | Chains - up to 90°C | Chains - up to 316°C | Air Lines | Freezers to -70°C | Can forming |
|------------------------|--------------|------------|-----------|-------------|--------------|---------------------|----------------------|-----------|-------------------|-------------|
| FGH-AW Series | ● | ● | | ○ | | ○ | | ○ | | |
| Flow-Guard Series | ● | ● | ○ | ● | ● | ○ | | ○ | ○ | |
| Magna-Plate FG Series | | | ● | | | ○ | | | | |
| Flow-Guard Gear Series | | | ● | | | | | | | |
| Perma-Gear FG Series | | | ● | | | ● | ○ | | | |
| Compresyn 250 Series | | | | ● | | | | | | |
| Pyro-Kote FG Series | | | | | | | ● | | | ● |
| Proofer Chain Oil | ○ | | | | | | | | | |
| Magna-Plate 80 Series | | | ○ | | | ● | | | ● | |
| Premium Pitter Oil | ○ | | ○ | | | ● | | | | |

● Primary Recommendation
○ Secondary Recommendation

FGH-AW HYDRAULIC OIL

A food grade hydraulic oil with advanced antiwear agents and rust inhibiting additives. FGH-AW is recommended for fixed plant or mobile equipment and is an excellent general purpose hydraulic oil where extended drain intervals are required.

- Enhanced wear protection in high pressure systems
- Thermally stable so low carbon or varnish deposits
- Exceptional water resistance and will readily separate
- Contains Micronox technology for control of microbes
- Compatible with standard mineral and synthetic oils used in hydraulic systems
- Available in ISO grades 32, 46, 68 and 100
- NSF Registered H1, MPI approved C15 and NZASURE Certified.



| Description | Pack | Pt No |
|----------------------------------|----------------|--|
| General purpose H1 Hydraulic Oil | 19 Litre pails | JAX 50032-005 JAX 50046-005 JAX 50068-005 JAX 50100-005 |

FLOW-GUARD HYDRAULIC

A synthetic food grade hydraulic oil made from 100% PAO with advanced antiwear agents and rust inhibiting additives. FLOW-GUARD is an excellent hydraulic oil for high and low temperature operations, vacuum pump systems and will offer long-term wear advantages over other oils.

- Can be used at both high temperatures and low temperatures
- Enhanced wear package to protect pumps and equipment
- High thermal and oxidative stability so will offer much longer drain intervals
- Excellent water and air separation ensures maximising efficiency
- Available in ISO grades 22, 32, 46, 68 and 100
- NSF Registered H1, MPI approved C15 and NZASURE certified



| Description | Pack | Pt No |
|--------------------------------------|----------------|--|
| Fully Synthetic PAO H1 Hydraulic Oil | 19 Litre pails | JAX FGS022-005 JAX FGS032-005 JAX FGS046-005 JAX FGS068-005 JAX FGS100-005 |

MAGNA-PLATE GEAR OIL

A semi synthetic food grade gear oil specially designed for shock or increased load conditions previously considered too arduous for food grade lubricants.

- Meets American Gear Manufacturers Association for extreme pressure protection
- An advanced additive package of proprietary antiwear, rust inhibitors and viscosity improvers give superior performance over other food grade products on the market.
- Readily separates from water allowing easy drain off and longer equipment protection
- Available in ISO grades 220, 320 and 460
- NSF Registered H1, MPI approved C15 and NZASURE Certified.



| Description | Pack | Pt No |
|----------------------------|--------------|---|
| Semi Synthetic H1 Gear Oil | 15.8kg pails | JAX 00900-035 JAX 01200-035 JAX 01400-035 |

FLUIDS

FLOW-GUARD GEAR OIL

A synthetic food grade gear oil made from 100% PAO with advanced antiwear agents and rust inhibiting additives. FLOW-GUARD is an excellent gear oil for high or low temperature applications or where longer drain intervals are required but should not be used in worm boxes.

- Excellent high and low temperature performance
- High thermal and oxidative stability so will offer much longer drain intervals
- Excellent water separation ensures easy drainage from sump
- Available in ISO grades 150, 220, 320, 460 and 680
- NSF Registered H1, MPI approved C15 and NZAsure Certified



| Description | Pack | Pt No |
|---------------------------------|----------------|--|
| Fully Synthetic PAO H1 Gear Oil | 19 Litre pails | JAX FGS150-005 JAX FGS220-005 JAX FGS320-005 JAX FGS460-005 JAX FGS680-005 |

PERMA-GEAR FG GEAR OIL

A full synthetic (PAG) food grade gear oil specially designed for high or low temperatures especially in worm boxes with brass components.

- High Viscosity Indices enable use in a wide range of temperatures.
- At low temperatures equipment will start easier, will not starve of fluid or suffer from the fluid solidifying.
- At high temperatures an optimal film thickness is maintained ensuring better lubrication and longer equipment life.
- Increased drain intervals
- Available in ISO grades 150, 220, 320, 460 and 680
- NSF Registered H1, MPI approved C15 and NZAsure Certified



| Description | Pack | Pt No |
|---------------------------|----------------|---|
| Synthetic PAG H1 Gear Oil | 19 Litre pails | JAX PGFGM-005 JAX PGFGN-005 JAX PGFGP-005 JAX PGFGQ-005 JAX PGFGR-005 |

COMPRESYN 250 COMPRESSOR OIL

A semi synthetic food grade compressor oil that will provide excellent wear protection and offer longer drain intervals without leaving deposits or varnishing.

- Outstanding antiwear package for pump protection.
- Resist the formation of sludge, foam, varnish and corrosive acids.
- Readily separates from water
- Increased drain intervals
- Available in ISO grades 46 and 100
- NSF Registered H1, MPI approved C15 and NZAsure Certified



| Description | Pack | Pt No |
|----------------------------------|----------------|----------------------------------|
| Semi Synthetic H1 Compressor oil | 19 Litre pails | JAX CS250J-005 JAX CS250L-005 |

COMPRESYN 405 COMPRESSOR OIL

A fully synthetic food grade compressor & vacuum pump oil that will provide excellent wear protection & offer longer drain intervals without leaving deposits or varnishing.

- Outstanding antiwear package for pump protection.
- Resist the formation of sludge, foam, varnish and corrosive acids.
- Readily separates from water
- Increased drain intervals
- Available in ISO grades 46 and 100
- NSF Registered H1, MPI approved C15 and NZAsure Certified



| Description | Pack | Pt No |
|---|----------------|----------------|
| Fully Synthetic H1 Compressor and Vacuum Pump oil | 19 Litre pails | JAX CS405K-005 |

FLUIDS

MAGNA-PLATE 86 LOW TEMPERATURE OIL

MAGNA-PLATE 86 is a fully synthetic food grade fluid formulated for use in extremely low temperature conditions on food grade equipment. Applications include gearboxes, mist or spray chain lubricators, oil lubricated bearings and other food grade equipment where very low temperatures exist.

- Excellent lubrication properties down to -50 C.
- A food grade tackifier to prevent dripping in all conditions
- An advanced additive package of proprietary antiwear, rust inhibitors and viscosity improvers give superior performance over other food grade products on the market.
- NSF Registered H1, MPI approved C15 and NZASURE Certified
- ISO VG 32



| Description | Pack | Pt No |
|---|----------------|---------------|
| Low temperature Food Grade H1 Fluid Fully synthetic | 19 Litre pails | JAX 00860-035 |

PYRO-KOTE FG HIGH TEMPERATURE OIL

PYRO-KOTE is a high temperature synthetic food grade fluid formulated for use in applications such as chains, gears and oil lubricated bearings. PYRO-KOTE will operate in temperatures up to 315 C and so is ideal in baking, cooking or where very high temperatures may be encountered.

- Extremely low volatility ideal in high temperature chain applications so less smoke or fumes
- Little or no varnish, sludge or carbon deposits due to thermal degradation if used within the temperature range
- Available in ISO 68 and 220 viscosity
- NSF Registered H1, MPI approved C15 and NZASURE Certified



| Description | Pack | Pt No |
|-------------------------------------|----------------|--------------------------------|
| Low temperature Food Grade H1 Fluid | 19 Litre pails | JAX PKFGK-005 JAX PKFGN-005 |

PROOFER CHAIN OIL

PROOFER CHAIN OIL is a specially developed fluid for wet, high humidity or extremely corrosive environments. It can be used in applications such as mist or spray lubricated chains, cams, slide valves or drip lubrication systems.

- Superior lubricating film dramatically reduces wear
- Excellent non drip performance
- Ideal in wet and humid applications
- Offers superior chain cleanliness
- NSF Registered H1, MPI approved C15 and NZASURE Certified
- ISO VG 100



| Description | Pack | Pt No |
|---|----------------|---------------|
| Wet and High Humidity Food Grade H1 Fluid | 19 Litre pails | JAX 00661-035 |

PREMIUM PITTER OIL

A semi synthetic food grade chain, gear and cable oil formulated using the latest developments in food grade technology.

- Very tacky and adhesive
- Excellent performance in wet applications
- Water readily separates out
- Tenacious product in chain & rail applications
- ISO VG 460 grade
- NSF Registered No 129024, H1 Certified, MPI approved C15 and NZASURE Certified



| Description | Pack | Pt No |
|--|----------------|---------------|
| Semi synthetic ISO VG 460 chain and gear H1, C15 oil | 19 Litre pails | JAX 01201-005 |

ILS WO WHITE OIL

ILS WO a pure pharmacopeia highly refined white oil used as a release agent, spray down oil or dough dividing oil. ILS WO oils are odourless, colourless and tasteless and can be used wherever direct or indirect contact with food is made.

- Can be used as a release agent, dough dividing oil or spray down oil
- Can be used where direct contact with food is likely
- Creates a barrier to stop food or other contaminants adhering to surfaces
- Available in ISO 12, 32 and 68 grades
- FDA certified to US FDA 21 CFR 172.878 CFR 178.3620(a)
- NSF Registered H1, MPI approved C15 and NZASURE Certified



| Description | Pack | Pt No |
|---------------------------------------|---|-------------------------------------|
| Food Grade C15 pharmacopeia white oil | 20L packs 210L Plastic Drums 1000L IBCs | ILS WO 12 ILS WO 32 ILS WO 68 |

AEROSOLS

AEROSOL USAGE CHART

| | Multipurpose oil | Penetrating oil | Oven Grease-Up to 340°C | Rails | Low temperature rails | Low temperature chain applications | Chains up to 340°C | Chains Wet and Humid | Dry Sliding Applications Hinges and Levers | Air Lines or Thread Sealing | Belt dressing | Anti-Seize | Spray Down Oil | Release Agent and dough Dividing | Plastic Components |
|---------------------------------|------------------|-----------------|-------------------------|-------|-----------------------|------------------------------------|--------------------|----------------------|--|-----------------------------|---------------|------------|----------------|----------------------------------|--------------------|
| Food Grade Penetrating Oil | ● | ● | | | | | | | | | | | | | |
| T-Oil Food Plant Machinery Coat | | | | | | ○ | | | | | | ● | ● | | |
| BDF Cling-Lube | | | | ● | | | ○ | | | | | | | | |
| Tef-Stef | | ○ | | ○ | ○ | ○ | | ● | | | ○ | | | | ● |
| Magna Plate 78 | ○ | ○ | | ○ | ● | ● | ○ | | | | | | | | |
| Dry-Glide Silicone | | | | | ○ | | | ● | | | | | | | ● |
| Dry-Glide Silicone WB | | | | | | | | ● | | | | | | | ● |
| Food Grade Anti-Seize | | | | ○ | | | | | | | ● | | | | |
| Belt Dressing | | | | | | | | | | ● | | | | | |
| Magna-Plate 74 | | | | | | | | | ● | | | | | | |
| Halo-Guard FG 2 | | | | | | | ● | | | | | | | | |
| Synclear | | | ● | | | ○ | ● | | | | | | | | |
| Proofer Chain Oil | ○ | | | | | | ● | | | | | | | | |
| ILS WO | | | | | | | | | | | | ● | ● | | |
| Food Grade Mold Release N-S | | | | | | | | | | | | ○ | ● | | |
| Purgel Klear | | | | | | | | | | | | ○ | ● | | ○ |
| WLTB White Lift Truck and Boom | | | | ● | ○ | | | | | | | | | | ○ |

● Primary Recommendation ○ Secondary Recommendation

BDF CLING-LUBE

BDF CLING-LUBE is a specially developed foaming formula designed to be a non drip lubricant used in overhead applications. It has high antiwear and EP properties that make it ideal for overhead guides, trolleys, conveyors or areas that are lubricated infrequently.

- Superior antiwear giving longer lubrication intervals
- Excellent non-drip performance
- Easy application that instantly clings to rails
- NSF Registration No 127730, MPI approved C15 and NZAsure Certified



| Description | Pack | Pt No |
|---|--------------------|---------|
| Overhead Non-Drip food grade H1 lubricant | 12 x 311g aerosols | JAX 214 |

BELT DRESSING

BELT DRESSING is a H1 food grade belt dressing for use on leather, canvas or rubber drive belts. It contains no resins so will not collect dirt, dust or other abrasive materials.

- Prevents belt slipping
- Restore optimum power output
- Allows for reduced belt tension and equipment loading
- Less load during start-ups
- NSF Registration No 143436, MPI approved C15 and NZAsure Certified



| Description | Pack | Pt No |
|-----------------------------------|--------------------|---------|
| Food Grade H1 Belt Dressing Fluid | 12 x 326g aerosols | JAX 107 |

AEROSOLS

DRY-GLIDE SILICONE

DRY GLIDE SILICONE is a premium quality high ratio mix of silicone and food grade silicone that gives long lasting results. DRY GLIDE SILICONE reduces friction between uneven surfaces and can be used in applications such as hinges, levers, slides, zippers, wrapping and packaging machinery and knives.

- Dry lubrication and will not attract dust
- Quick drying time
- Long lasting lubrication
- Three times higher percentage of food grade silicone than other grades
- NSF Registration No 143436 H1, MPI approved C15 and NZAsure Certified



| Description | Pack | Pt No |
|----------------------------|--------------------|---------|
| Dry Food Grade H1 Silicone | 12 x 283g aerosols | JAX 108 |

DRY-GLIDE SILICONE WB

DRY GLIDE SILICONE WB is a water based premium quality high ratio mix of silicone and food grade silicone that is non-flammable so can be easily stored. It is designed to lubricate gravity tracks on shelving and can be used in rods and bushings, metal tables or plastic goods on roller tables.

- Non flammable
- Colourless, tasteless and odourless when dry
- Dry lubrication and will not attract dust
- Quick drying time
- Long lasting lubrication
- Three times higher percentage of food grade silicone than other grades
- NSF Registration No 133439 H1, MPI approved C15 and NZAsure Certified



| Description | Pack | Pt No |
|--|--------------------|---------|
| Non Flammable Dry Food Grade H1 Silicone | 12 x 340g aerosols | JAX 208 |

FOOD GRADE PENETRATING OIL

FOOD GRADE PENETRATING OIL is a high performance penetrating oil used in food-processing, bottling and packaging equipment. Can also be used as a spray down oil to stop corrosion or flash rust after high pressure or steam cleaning.

- High penetration
- Can be used while equipment is running
- Excellent spray down oil
- Colourless, tasteless and odourless
- Long lasting lubrication
- NSF Registration No 128581 H1, MPI approved C15 and NZAsure Certified



| Description | Pack | Pt No |
|-------------------------------|---|------------------------|
| Food Grade H1 Penetrating Oil | 12 x 311g aerosols and 12 x 473ml trigger spray bottles | JAX 109 JAX 109-007 |

FOOD GRADE ANTI-SEIZE

FOOD GRADE ANTI-SEIZE is a high quality food grade non drying thread conditioner and anti-seize formulated with PTFE and other lubricating solids. The unique formulation is very resistant to high pressure and high temperature wash down common in food and beverage processing industries.

- Prevents corrosion
- Easy to apply aerosol
- Non melting
- Long lasting anti-seize properties even in wash down
- NSF Registration No 127729 H1, MPI approved C15 and NZAsure Certified



| Description | Pack | Pt No |
|-------------------------------|--------------------|---------|
| Food Grade H1 Penetrating Oil | 12 x 311g aerosols | JAX 234 |

AEROSOLS

FOOD GRADE MOLD RELEASE N-S

FOOD GRADE MOLD RELEASE is formulated to provide efficient food release from grills, loaf pans, boning benches and other hard surfaces. It can be used for candy making, poly-packaging for meats and sausages or for moulds used in protein products.

- Low viscosity makes it easy to apply
- Non-soy lecithin prevents food from coming into contact with mould.
- Non-allergenic and non-GMO
- Resists darkening due to heat
- NSF Registration No 141507 3H, MPI approved C15 and NZAsure Certified



| Description | Pack | Pt No |
|-------------------------------------|---|--------------------------|
| Food Grade 3H Mould Release Non soy | 12 x 439g aerosols and 12 x 473ml trigger spray bottles | JAX 233 JAX 00233-007 |

HALO-GUARD FG 2

A high performance, multi-purpose, food grade grease with proprietary calcium sulfonate complex thickener system for maximum bearing life, excellent in high temperature and high speed applications.

- General plant usage
- Unsurpassed E.P. and Antiwear package for longer bearing life
- Protects against Rust and Corrosion and has exceptional water resistance even in the harshest environments
- HALO-GUARD FG 2 is the highest temperature capable food grade grease on the market and can be used up to 290 C.
- NSF Registration No 131601 H1, MPI approved C15 and NZAsure Certified



| Description | Pack | Pt N |
|--------------------------------------|--------------------|---------|
| Food Grade H1 general purpose grease | 12 x 311g aerosols | JAX 213 |

MAGNA-PLATE 78

MAGNA-PLATE 78 is a food grade H1 registered food machinery oil that has unique synthetic polymers added giving enhanced EP and antiwear properties. MAGNA-PLATE 78 has a wide range of uses such as overhead chains, conveyors, can seamers, drip systems or anywhere an antiwear food grade fluid is required.

- Demulsifying fluid with superb antiwear characteristics
- High temperature polymer additives give a constant film of protection at high speeds or high temperatures
- Cold temperature viscosity enables the lubricant to go into a semi-solid state reducing dripping in coldroom overhead chains and conveyors
- NSF Registration No 072191 H1, MPI approved C15 and NZAsure Certified
- ISO VG 150



| Description | Pack | Pt No |
|-------------------------|--------------------|--------------------------|
| Food Grade H1 ISO VG150 | 12 x 311g aerosols | JAX 114 JAX 078TS-008 |

MAGNA-PLATE 74

MAGNA-PLATE 74 is a food grade H1 registered airline or airtool oil with a high percentage of emulsifiers and rust inhibitors. MAGNA-PLATE can be used on all air operated equipment including knives, saws, stunning guns, and processing plant.

- Reduces product exposure from tool or line exhausts
- Contains rust inhibitors ensure protection for internal parts of systems
- NSF Registration No 124536 H1, MPI approved C15 and NZAsure Certified
- ISO VG 22



| Description | Pack | Pt No |
|-----------------------------|-----------------------------|---------------|
| Food Grade H1 Airtool Fluid | 12 x 355ml York tip bottles | JAX 00740-009 |

AEROSOLS

PROOFER CHAIN OIL

PROOFER CHAIN OIL is a specially developed fluid for wet, high humidity or extremely corrosive environments. It can be used in applications such as mist or spray lubricated chains, cams, slide valves or drip lubrication systems.

- Superior lubricating film dramatically reduces wear
- Excellent non drip performance
- Ideal in wet and humid applications
- Offers superior chain cleanliness
- NSF Registered H1, MPI approved C15 and NZAsure Certified



| Description | Pack | Pt No |
|---|----------------------------------|---------------|
| Wet and High Humidity Food Grade H1 Fluid | 12 x 473ml trigger spray bottles | JAX 00661-007 |

PURGEL KLEAR

PURGEL KLEAR is a pure white FDA approved kosher petrolatum for use as a release agent. It meets FDA 21 CFR Part 172 and 178 and is permitted for direct addition to food products. PURGEL KLEAR can be used as a release agent, a barrier on gaskets or o-rings and for coating knives, augers or cutting blades.

- For use in direct contact with food
- Extremely high melting point for harsh environments
- Semi translucent clear grease
- NSF Registered 3H, MPI approved C15 and NZAsure Certified



| Description | Pack | Pt No |
|-----------------------------|--------------------|---------|
| Food Grade 3H Release Agent | 12 x 311g aerosols | JAX 140 |

SYNCCLEAR

SYNCCLEAR is a 100% synthetic PAO non melting food grade grease. It can be used in temperatures up to 340 C so is ideal in ovens, kilns, high temperature rolling elements, hinges and linkages.

- Crystal clear colour
- Non melting with excellent high temperature performance
- Excellent adhesion
- Resists water washout and chemical attack
- NSF Registered H1, MPI approved C15 and NZAsure Certified



| Description | Pack | Pt No |
|-------------------------------|--------------------|---------|
| Non melt Food Grade H1 Grease | 12 x 311g aerosols | JAX 144 |

TEF-STEF

TEF STEF is a food grade dry film lubricant that is a non-silicone based powder. The powder clings to all surfaces and gives greater lubricity than graphite and even silicone. TEF STEF is safe to use on all plastic, wood, metal, rubber and glass surfaces and is ideal in bottling plants, dairy applications, packaging equipment and many other industrial applications.

- Great lubricity when dry
- Non-oily and non-staining
- Can be used in temperatures up to 204 C
- No chlorinated solvents
- Wide range of uses
- NSF Registration No 141073 H1, MPI approved C15 and NZAsure Certified



| Description | Pack | Pt No |
|---|--------------------|---------|
| Dry Film Food Grade H1 Powder Lubricant | 12 x 283g aerosols | JAX 145 |

AEROSOLS

T-OIL FOOD PLANT MACHINERY COAT

T-OIL FOOD PLANT MACHINERY COAT is a pure pharmacopeia white oil used as a spray down oil in areas where it is likely that direct food contact will be made. It can also be used as a release agent to prevent food from adhering to coat augers, knives or blades.

- Eliminates flash rust
- Can be used where direct contact with food is likely
- Creates a barrier to stop food or other contaminants adhering to surfaces
- Small packs reduce likelihood of contamination when transferring from bigger packs
- Tamper proof packs
- NSF Registration No 133440 3H, MPI approved C15 and NZASURE Certified



| Description | Pack | Pt No |
|--|--|---------------------------------|
| Food Grade 3H Spray Down Oil and Release Agent | 12 x 454g aerosols and 12 x 473ml Trigger Spray Bottle | JAX 139-007 TS JAX 00139-007 |

WLTB WHITE LIFT TRUCK AND BOOM

WLTB WHITE LIFT TRUCK AND BOOM is a white spray grease formulated especially for forklifts that operate in a food, beverage or pharmaceutical processing area. It is designed for use in telescoping boom cranes and forklift vertical rails.

- White long lasting boom grease
- Non drip formulation
- Ensures minimal binding and jerking during lifting operations
- Resists wash out
- NSF Registration No 140945 H1, MPI approved C15 and NZASURE Certified



| Description | Pack | Pt No |
|----------------------------------|--------------------|---------|
| Heavy White Food Grade H1 Grease | 12 x 311g aerosols | JAX 143 |



MEAT AND POULTRY

ILS HAS A WIDE RANGE OF MPI REGISTERED PRODUCTS WHICH WILL ENABLE YOUR SITE TO BE TOTALLY C15 COMPLIANT MINIMISING RISK AND ENHANCING YOUR SITE HACCP PROGRAMME.

| APPLICATION | PRODUCT | PACK TYPE |
|---------------------------------------|---|--|
| CRYOVAC MACHINES | JAX MAGNA-PLATE 78 (H1) for platen chains | Aerosol & Trigger Spray |
| | JAX BDF CLING LUBE (H1) for platen chains | Aerosol |
| | JAX COMPRESYN (H1) for central vacuum chamber | 19L Pail |
| AIR KNIVES AND SAWS | JAX HALO-GUARD FG-2 AND FG-LT (H1) for high speed bearings or high temperatures | 425g Cartridges & 15.8kg Pails |
| AIR LINE LUBRICATION | JAX MAGNA-PLATE 74 (H1) for airline oils | York Tip Bottles |
| CHAIN LUBRICATION | JAX HALO-GUARD FG-LT (H1) for centralised lube systems | 15.8kg Pails |
| | JAX MAGNA-PLATE 86 (H1) for main chain lubrication in processing areas and coolers. | Aerosol & 19L Pail |
| | JAX BDF CLING-LUBE for overhead chains and non-drip areas | Aerosol |
| CENTRIFUGES | JAX PREMIUM PITTEER OIL (H1) VG460 is ideal for overhead rails and chain lubrication. | 19L Pail |
| | JAX HALO-GUARD FG-2 for grease applications | 425g Cartridges & 15.8kg Pails |
| | JAX FLOW-GUARD SYNTHETIC 220 for oil systems | 19L Pail |
| OVERHEAD RAILS | JAX BDF CLING-LUBE (H1) for overhead chains and non-drip areas | Aerosol |
| | JAX PREMIUM PITTEER OIL (H1) VG460 is ideal for overhead rails and chain lubrication. | 19L Pail |
| BEARINGS | JAX HALO-GUARD FG-2 (H1) for all multipurpose, high temperature, high speed and water resistant areas including electric motors. | 425g Cartridges, 15.8kg Pails & Aerosols |
| | JAX HALO-GUARD FG-LT (H1) for all central lube systems. | 425g Cartridges & 15.8kg Pails |
| | JAX HALO-GUARD PM for highly loaded or shock load applications such as screw conveyors. | 425g Cartridges & 15.8kg Pails |
| | JAX POLY-GUARD FG 2 (H1) for electric motors particularly those previously packed with a poly-urea grease. | 397g Cartridges & 15.8kg Pails |
| VACUUM PUMPS | MAGNA-PLATE 22 (H1) for freezer equipment or temperatures down to -50°C. | 425g Cartridges & 15.8kg Pails |
| | JAX FLOWGUARD SYNTHETIC 100 (H1) fully synthetic oil for most vacuum pump applications, should allow for extended drain intervals | 19L Pails |
| ALKAR OVENS | JAX PROOFER CHAIN OIL (H1) for chain lubrication in wet and humid areas | 19L and Trigger Spray |
| TRAY FORMERS | JAX DRY-GLIDE SILICONE (H1) to eliminate friction on the chutes, slides and ways in boxing machines | Aerosol |
| HYDRAULIC SYSTEMS | JAX FGH-AW (H1) 32, 46, 68 and 100 for all areas under 2000psi. | 19L Pails |
| | JAX FLOW-GUARD (H1) 32, 46, 68 and 100 for all severe applications. | 19L Pails |
| SPIRAL FREEZERS | JAX FLOW-GUARD (H1) 100% PAO gear oils offer superior low temperature performance | 19L Pails |
| | JAX MAGNA-PLATE 86 (H1) extreme low temperature chain oil for all blast freezers with temperatures as low as -60°C. | Aerosol and 19L Pail |
| | JAX MAGNA-PLATE 22 grease for low temperature applications as low as -50°C. | 425g Cartridges & 15.8kg Pails |
| GEARBOXES | JAX MAGNA-PLATE (H1) semi synthetic gear oils for all gearboxes including severe or shock loaded conditions provided running temperatures are below 70°C. | 15.8kg Pails |
| | JAX FLOW-GUARD (H1) 100% synthetic PAO gear oils for gearboxes running in high temperature applications above 70°C. | 19L Pails |
| | JAX PERMA-GEAR FG (H1) 100% synthetic PAG gear oil for wormboxes running in high temperature applications above 70°C. | 19L Pails |
| GRINDING EQUIPMENT AND PATTY MACHINES | JAX MAGNA-PLATE (H1) semi synthetic gear oils for all gearboxes. | 15.8kg Pails |
| | JAX FGH-AW (H1) for hydraulic systems. | 19L Pails |
| | JAX HALO-GUARD FG-2 (H1) for bearing applications. | 425g Cartridges & 15.8kg Pails |
| AIR COMPRESSORS | JAX PURGEL (3H) for blade lubrication on start-up. | Aerosol |
| | COMPRESYN 250 (H1) semi synthetic compressor oil available in ISO 46 and 100. | 19L Pails |
| SPRAYDOWN OIL | ILS WO (3H) in ISO 12, 32 and 68 for all splashdown areas to prevent food or other contaminants adhering to surfaces and to prevent flash rust. | 20L, 210L & 1000L IBC's |
| | JAX T-OIL (3H) for all splashdown areas to prevent food or other contaminants adhering to surfaces and to prevent flash rust | Aerosol and Trigger Spray |
| RELEASE AGENTS | JAX T-OIL (3H) can be used in direct contact with food as a release agent to coat knives, augers or blades. | Aerosol and Trigger Spray |
| | PURGEL KLEAR (3H) is a white petrolatum release agent that can be used in direct contact with food as a release agent in severe or high temperature applications. | Aerosol |
| | ILS PETROLEUM JELLY is a white translucent petrolatum jelly that can be used in direct contact with food as a release agent in severe or high temperature applications. | 4kg, 18kg and 190kg |

OTHER PACK SIZES AVAILABLE ON REQUEST

BAKING

ILS HAS A WIDE RANGE OF MPI REGISTERED PRODUCTS WHICH WILL ENABLE YOUR SITE TO BE TOTALLY C15 COMPLIANT MINIMISING RISK.

| APPLICATION | PRODUCT | PACK TYPE |
|--|--|---|
| PROOFER CABINETS | JAX PROOFER CHAIN OIL (H1) for chain lubrication in wet and humid areas | 19L Pails and Trigger Spray |
| FLOUR DELIVERY | JAX FLOW-GUARD (H1) 100% synthetic 100% PAO oils in ISO 150, 220 and 320 offer superior performance in severe applications | 19L Pails |
| AIR LINE LUBRICATION | JAX MAGNA-PLATE 74 (H1) for airline oils | York Tip Bottles |
| SLICERS AND DIVIDING | JAX FOOD GRADE MOLD RELEASE N-S (3H) approved for direct food contact with tamper proof packaging | Aerosol and Trigger Spray |
| | ILS WO (3H) in ISO 12, 32 and 68 for all larger dough dividing applications | 20L, 210L & 1000L IBC's |
| RELEASE AGENTS | JAX FOOD GRADE MOLD RELEASE N-S (3H) approved for direct food contact with tamper proof packaging | Aerosol and Trigger Spray |
| BEARINGS | JAX HALO-GUARD FG-2 (H1) for all multipurpose, high temperature, high speed and water resistant areas including electric motors. | 425g Cartridges, 15.8kg Pails & Aerosol |
| | JAX HALO-GUARD PM for highly loaded or shock load applications. | 425g Cartridges & 15.8kg Pails |
| | JAX POLY-GUARD FG 2 (H1) for electric motors particularly those previously packed with a poly-urea grease. | 397g Cartridges & 15.8kg Pails |
| GEARBOXES | JAX MAGNA-PLATE (H1) semi synthetic gear oils for all gearboxes including severe or shock loaded conditions provided running temperatures are below 70°C. | 15.8kg Pails |
| | JAX FLOW-GUARD (H1) 100% synthetic PAO gear oils for gearboxes running in high temperature applications above 70°C. | 19L Pails |
| | JAX PERMA-GEAR FG (H1) 100% synthetic PAG gear oil for wormboxes running in high temperature applications above 70°C. | 19L Pails |
| OVEN CHAINS & CONVEYOR/TRAY TUNNELS | JAX PYRO-KOTE and PYRO-KOTE FG (H1) synthetic ester based lubricants designed to clean and provide deposit free lubrication in high temperature chain applications | 19L Pails |
| | JAX HALO-GUARD FG-PM (H1) for high temperature bearings | 425g Cartridges & 15.8kg Pails |
| FREEZERS | JAX FLOW-GUARD (H1) 100% PAO gear oils offer superior low temperature performance | 19L Pails |
| | JAX MAGNA-PLATE 86 (H1) extreme low temperature chain oil for all blast freezers with temperatures as low as 65°C. | 19L Pails |
| | JAX MAGNA-PLATE 22 grease for low temperature applications as low as 50°C. | 425g Cartridges & 15.8kg Pails |
| AIR COMPRESSORS | COMPRESYN 250 (H1) semi synthetic compressor oil available in ISO 46 and 100. | 19L Pails |
| | COMPRESYN 405 (H1) fully synthetic compressor oil available in ISO 46 and 100. | 19L Pails |
| AMMONIA REFRIGERATION SYSTEMS | COMPRESYN 250 (H1) 100% synthetic naphthenic compatible ammonia compressor oil available in ISO 46 and 100. | 19L Pails |

DAIRY INDUSTRY

ILS HAS A WIDE RANGE OF MPI REGISTERED PRODUCTS WHICH WILL ENABLE YOUR SITE TO BE TOTALLY C15 AND ASURE QUALITY COMPLIANT MINIMISING RISK WHILE ENHANCING YOUR HCCAP PROGRAMME.

| APPLICATION | PRODUCT | PACK TYPE |
|------------------------------|---|--------------------------------|
| HYDRAULIC SYSTEMS | JAX FGH-AW (H1) 32, 46, 68 and 100 for all areas under 2000psi. | 19L Pails |
| | JAX FLOW-GUARD (H1) 32, 46, 68 and 100 for all severe applications. | 19L Pails |
| SEPARATORS | JAX MAGNA-PLATE (H1) semi synthetic gear oils. | 15.8kg Pails |
| HOMOGENISERS | JAX MAGNA-PLATE 78 (H1) for the crankcase slide, provides excellent performance under high temperature and high pressure conditions. | Aerosol and Trigger Spray |
| | JAX FLOW-GUARD (H1) for the hydraulic slide applications. | 19L Pails |
| AIR LINE LUBRICATION | JAX MAGNA-PLATE 74 (H1) for airline oils | York Tip Bottles |
| AIR COMPRESSORS | COMPRESYN 250 (H1) semi synthetic compressor oil available in ISO 46 and 100. COMPRESYN 405 (H1) semi synthetic compressor oil available in ISO 68. | 19L Pails |
| BEARINGS | JAX HALO-GUARD FG-2 (H1) for all multipurpose, high temperature, high speed and water resistant areas including electric motors. | 425g Cartridges & 15.8kg Pails |
| | JAX HALO-GUARD PM for highly loaded or shock load applications. | 425g Cartridges & 15.8kg Pails |
| | JAX POLY-GUARD FG 2 (H1) for electric motors particularly those previously packed with a poly-urea grease. | 397g Cartridges & 15.8kg Pails |
| GEARBOXES | JAX MAGNA-PLATE (H1) semi synthetic gear oils for all gearboxes including severe or shock loaded conditions provided running temperatures are below 70°C. | 15.8kg Pails |
| | JAX FLOW-GUARD (H1) 100% synthetic PAO gear oils for gearboxes running in high temperature applications above 70°C. | 19L Pails |
| | JAX PERMA-GEAR FG (H1) 100% synthetic PAG gear oil for wormboxes running in high temperature applications above 70°C. | 19L Pails |
| BOTTLE & CAN FILLERS | JAX HALO-GUARD FG-2 (H1) for all manually greased bearings in incidental food applications | 425g Cartridges & 15.8kg Pails |
| | JAX HALO-GUARD FG-LT (H1) for all central lube systems. | 425g Cartridges & 15.8kg Pails |
| CAN SEAMERS | JAX HALO-GUARD FG-LT (H1) for all central lube systems or manually greased seaming roll applications. | 425g Cartridges & 15.8kg Pails |
| | JAX MAGNA PLATE 78 (H1) for oil lubricated seamers utilising a one-pass system | Aerosol and Trigger Spray |
| | JAX HALO-GUARD FG-2 (H1) for all manually greased bearings in incidental food applications | 425g Cartridges & 15.8kg Pails |
| PMC PACKAGING MACHINES | JAX MAGNA-PLATE FG ISO Series (H1) partial synthetic gear oils | 15.8kg Pails |
| BOTTLE CAPPERS & CROWNS | JAX HALO-GUARD FG-2 (H1) for all manually greased bearings in incidental food applications. | 425g Cartridges & 15.8kg Pails |
| | JAX HALO-GUARD FG-LT (H1) for all central lube systems. | 425g Cartridges & 15.8kg Pails |
| | JAX MAGNA-PLATE FG ISO Series (H1) partial synthetic gear oils. | 15.8kg Pails |
| PLASTIC BOTTLE BLOW MOULDING | JAX FLOW-GUARD SYNTHETIC (H1) 100% PAO hydraulic oil. | 19L Pails |
| NOVELTY BAR MACHINES | JAX MAGNA-PLATE 86 (H1) for extreme low temperature chain applications | 19L Pails |
| | JAX MAGNA-PLATE 22 (H1) for extreme low temperature grease applications such as bearings and chains | 425g Cartridges & 15.8kg Pails |
| | JAX FLOW-GUARD SYNTHETIC (H1) 100% PAO low temperature fluids | 19L Pails |

BEVERAGE INDUSTRY

ILS HAS A WIDE RANGE OF MPI REGISTERED PRODUCTS WHICH WILL ENABLE YOUR SITE TO BE TOTALLY C15 COMPLIANT MINIMISING RISK.

| APPLICATION | PRODUCT | PACK TYPE |
|--------------------------------------|---|--------------------------------|
| HYDRAULIC SYSTEMS | JAX FGH-AW (H1) 32, 46, 68 and 100 for all areas under 2000psi. | 19L Pails |
| | JAX FLOW-GUARD (H1) 32, 46, 68 and 100 for all severe applications. | 19L Pails |
| AIR COMPRESSORS | COMPRESYN 250 (H1) semi synthetic compressor oil available in ISO 46 and 100. COMPRESYN 405 (H1) full synthetic compressor oil available in ISO 46, 68, 100 and 150. | 19L Pails |
| BEARINGS | JAX HALO-GUARD FG-2 (H1) for all multipurpose, high temperature, high speed and water resistant areas including electric motors. | 425g Cartridges & 15.8kg Pails |
| | JAX POLY-GUARD FG 2 (H1) for electric motors particularly those previously packed with a poly-urea grease. | 397g Cartridges & 15.8kg Pails |
| AIR LINE LUBRICATION | JAX MAGNA-PLATE 74 (H1) for airline oils | York Tip Bottles |
| CAN SEAMERS | JAX HALO-GUARD FG-LT (H1) for all central lube systems or manually greased seaming roll applications. | 425g Cartridges & 15.8kg Pails |
| | JAX MAGNA PLATE 78 (H1) for oil lubricated seamers utilising a one-pass system | Aerosol and Trigger Spray |
| | JAX HALO-GUARD FG-2 (H1) for all manually greased bearings in incidental food applications | 425g Cartridges & 15.8kg Pails |
| GEARBOXES | JAX MAGNA-PLATE (H1) semi synthetic gear oils for all gearboxes including severe or shock loaded conditions provided running temperatures are below 70 C. | 15.8kg Pails |
| | JAX FLOW-GUARD (H1) 100% synthetic PAO gear oils for gearboxes running in high temperature applications above 70 C. | 19L Pails |
| | JAX PERMA-GEAR FG (H1) 100% synthetic PAG gear oil for wormboxes running in high temperature applications above 70 C. | 19L Pails |
| SHRINK FILM TUNNELS | JAX PYRO-KOTE and PYRO-KOTE FG (H1) synthetic ester based lubricants designed to clean and provide deposit free lubrication in high temperature chain applications | 19L Pails |
| BOTTLE CAPPERS & CROWNERS | JAX HALO-GUARD FG-2 (H1) for all manually greased bearings in incidental food applications. | 425g Cartridges & 15.8kg Pails |
| | JAX HALO-GUARD FG-LT (H1) for all central lube systems. | 425g Cartridges & 15.8kg Pails |
| | JAX MAGNA-PLATE FG ISO Series (H1) partial synthetic gear oils. | 15.8kg Pails |
| BOTTLE & CAN FILLERS | JAX HALO-GUARD FG-2 (H1) for all manually greased bearings in incidental food applications | 425g Cartridges & 15.8kg Pails |
| | JAX HALO-GUARD FG-LT (H1) for all central lube systems. | 425g Cartridges & 15.8kg Pails |
| | PYRO-PLATE TFS (H1) Excellent EPDM Compatible Sealing grease. | 550g Cartridges |

FRUIT AND VEGETABLE PROCESSING

ILS HAS A WIDE RANGE OF MPI REGISTERED PRODUCTS WHICH WILL ENABLE YOUR SITE TO BE TOTALLY C15 COMPLIANT MINIMISING RISK.

| APPLICATION | PRODUCT | PACK TYPE |
|---------------------|---|--------------------------------------|
| HYDRAULIC SYSTEMS | JAX FGH-AW (H1) 32, 46, 68 and 100 for all areas under 2000psi. | 19L Pails |
| | JAX FLOW-GUARD (H1) 32, 46, 68 and 100 for all severe applications. | 19L Pails |
| SEAMING AND FILLING | JAX HALO-GUARD FG-2 (H1) is an exceptional seamer/filler grease which can be used plant-wide in all incidental food applications. | 425g Cartridges & 15.8kg Pails |
| HOMOGENISERS | JAX MAGNA-PLATE 78 (H1) for the crankcase slide, provides excellent performance under high temperature and high pressure conditions. | Aerosol and Trigger Spray |
| | JAX FLOW-GUARD (H1) for the hydraulic slide applications. | 19L Pails |
| AIR COMPRESSORS | COMPRESYN 250 (H1) semi synthetic compressor oil available in ISO 46 and 100. COMPRESYN 405 (H1) full synthetic compressor oil available in ISO 46, 68, 100 and 150. | 19L Pails |
| BEARINGS | JAX HALO-GUARD FG-2 (H1) for all multipurpose, high temperature, high speed and water resistant areas including electric motors. | 425g Cartridges & 15.8kg Pails |
| | JAX HALO-GUARD FG-LT (H1) for edible centrifuges and cold storage areas | 425g Cartridges & 15.8kg Pails |
| | JAX POLY-GUARD FG 2 (H1) for electric motors particularly those previously packed with a poly-urea grease. | 397g Cartridges & 15.8kg Pails |
| GEARBOXES | JAX MAGNA-PLATE (H1) semi synthetic gear oils for all gearboxes including severe or shock loaded conditions provided running temperatures are below 70 C. | 15.8kg Pails |
| | JAX FLOW-GUARD (H1) 100% synthetic PAO gear oils for gearboxes running in high temperature applications above 70 C. | 19 L Pails |
| | JAX PERMA-GEAR FG (H1) 100% synthetic PAG gear oil for wormboxes running in high temperature applications above 70 C. | 19L Pails |
| CHAIN LUBRICATION | JAX HALO-GUARD FG-LT (H1) for centralised grease systems | 425g Cartridges & 15.8kg Pails |
| | JAX MAGNA-PLATE 78 (H1) and JAX MAGNA-PLATE 86 (H1) for main chain lubrication . | Aerosol, Trigger Spray and 19L Pails |
| | JAX BDF CLING-LUBE for overhead chains and non-drip areas | Aerosol |
| SPIRAL FREEZERS | JAX FLOW-GUARD (H1) 100% PAO gear oils offer superior low temperature performance | 19L Pails |
| | JAX MAGNA-PLATE 86 (H1) extreme low temperature chain oil for all blast freezers with temperatures as low as 65 C. | 19L Pails |
| | JAX MAGNA-PLATE 22 grease for low temperature applications as low as 50 C. | 425g Cartridges & 15.8kg Pails |
| PALLETISERS | JAX MAGNA-PLATE 78 (H1) for the crankcase slide, provides excellent performance under high temperature and high pressure conditions. | Aerosol and Trigger Spray |
| | JAX FLOW-GUARD (H1) for the hydraulic slide applications. | 19L Pails |

CAN MANUFACTURING

ILS HAS A WIDE RANGE OF NZFSA REGISTERED PRODUCTS WHICH WILL ENABLE YOUR SITE TO BE TOTALLY C15 COMPLIANT MINIMISING RISK...

| APPLICATION | PRODUCT | PACK TYPE |
|----------------------|--|--------------------------------|
| SEAMERS AND BEADERS | JAX HALO-GUARD FG-2 (H1) is an exceptional seamer/filler grease which can be used in high speed applications and in central lube systems. It may be used plant-wide in all incidental food applications. | 425g Cartridges & 15.8kg Pails |
| | JAX POLY-GUARD FG (H1) is an advanced high speed food machinery grease with PTFE. | 397g Cartridges & 15.8kg Pails |
| CHAIN LUBRICATION | JAX PYRO-KOTE FG (H1) 100% synthetic chain lubricant for excellent high temperature performance leaving clean chains with no deposits. | 19L Pails |
| AIR LINE LUBRICATION | JAX MAGNA-PLATE 74 (H1) for airline oils | York Tip Bottles |
| AIR COMPRESSORS | COMPRESYN 250 (H1) semi synthetic compressor oil available in ISO 46, 68 and 100. COMPRESYN 405 (H1) full synthetic compressor oil available in ISO 46, 68, 100 and 150. | 19L Pails |



OILSAFE® COLOUR CODED DISPENSING SYSTEMS

ILS OFFER THE OILSAFE RANGE OF DISPENSING AND TRANSFER SYSTEMS THAT ALLOW YOU TO COLOUR CODE ALL OF YOUR FOOD GRADE APPLICATIONS, DISPENSING EQUIPMENT AND GREASE GUNS SO THERE IS LITTLE CHANCE OF CROSS CONTAMINATION OF FOOD GRADE PRODUCTS WITH YOUR TRADITIONAL MINERAL OIL PRODUCTS.

Used in conjunction with the ILS on-line Lubrication Manager Database your site can confidently be assured that you know exactly what lubricants are required for each application on your site.

The range of OILSAFE products available consist of colour coded oil transfer and dispensing jugs, colour coded pumps, colour coded transparent grease guns, colour coded application labels and colour coded grease nipple protectors.



**OILSAFE
COLOUR
CODED
DISPENSING
SYSTEMS**



**LABELSAFE
COLOUR CODED
LABELLING SYSTEMS**



**GREASESAFE
COLOUR CODED GREASE
GUNS AND CAPS**

WHY USE OILSAFE® TRANSFER CONTAINERS?

For more than a decade, OILSAFE has been the oil transfer management system preferred by leading companies around the world.

People often go to great lengths to preserve the quality of their oil only to contaminate it by using filthy containers, pouring it through a dirty funnel or inadvertently mixing it with different oil.

The color-coded range of OILSAFE containers provide:

- A fully sealing unit that prevents contaminants from getting into the oil.
- Easier dispensing without the need for secondary tools such as funnels.

Open top, unsealed, homemade containers deliver contaminated lubricants into the heart of your machinery.



OILSAFE down-stroke pump delivers 1 liter with approximately 12 strokes

Quick twist spout is easy to open and close. Controls flow and keeps dirt out

See-through drums with graduated markings make it easy to see and measure liquid levels

Bright colors make OILSAFE dispensers easy to find and easy to color-code lubricant grades

OILSAFE Visual Lubrication System of Products:

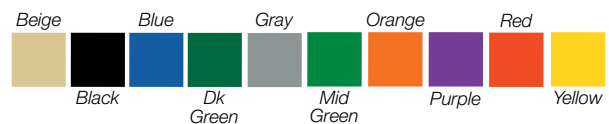
By **color-coding your lubricants and integrating** with our OILSAFE identification products you'll prevent cross contamination and misapplication of oils.

With 5 different lid types designed to fit each of the 5 different drum sizes, you can mix and match the components to build heavy duty durable containers that will meet your oil transfer requirements.

Integrate **OILSAFE** identification products to manage your fluid transfer from bulk storage to point of use. This portfolio of products combine to form the revolutionary **Visual Lubrication System** that protects lubricants from contamination, reduces machinery downtime, and minimizes dangerous and costly spills.

These OILSAFE products are available in 10 colors:

Utility Lid, Stretch Spout Lid, Mini Spout Lid, Stumpy Spout Lid, Storage Lid and Premium Pump.



Fully interchangeable drums and lids - any style lid works with any size drum

Push button auto-shutoff air intake enables smooth pouring of lubricants

Robust lid design for easier handling

Pre-fill drums and safely store lubricants with OILSAFE Storage Lids



OILSAFE® – OIL EQUIPMENT Transfer Containers

Mix and match lids and drums to get the right lubricant transfer container for the job.

Integrate OILSAFE products to manage your fluid transfer from bulk storage to point of use.

Our **Visual Lubrication System** of products combines to identify, protect and reduce machinery downtime.



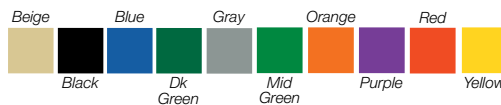
STUMPY SPOUT LID

Ideal for engine and gear oils and when a higher lubricant flow is required.

The 1" spout opening on the OILSAFE Stumpy Spout Lids is the largest on OILSAFE spout lids. It's design is ideal for applications where a higher lubricant flow is required, such as for engine oils and gear oils.

Add a Stumpy Spout Hose Extension to help with awkward or hard to reach fill points.

PART # : 102021 – Stumpy Spout Hose Extension



PART

100500 – Beige
100501 – Black
100502 – Blue
100503 – Dk Green
100504 – Gray
100505 – Mid Green
100506 – Orange
100507 – Purple
100508 – Red
100509 – Yellow



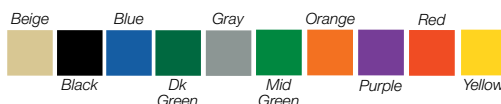
STRETCH SPOUT LID

When precise pouring of lubricants is required.

With a 0.5" spout opening and a longer spout the OILSAFE Stretch Spout Lid is ideal for lower viscosity oils (less than ISO 220) and is designed for hard to reach areas.

Add a stretch Spout Hose Extension to help with awkward or hard to reach fill points.

PART # : 102020 – Stretch Spout Hose Extension



PART

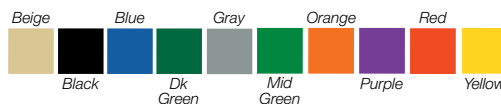
100300 – Beige
100301 – Black
100302 – Blue
100303 – Dk Green
100304 – Gray
100305 – Mid Green
100306 – Orange
100307 – Purple
100308 – Red
100309 – Yellow



MINI SPOUT LID

Ideal for equipment with small fill holes.

The OILSAFE Mini Spout has an outlet diameter of approximately ¼" (7mm), making it ideal for lubrication jobs where equipment fill holes are small such as constant level oilers and machine tools.



PART

100400 – Beige
100401 – Black
100402 – Blue
100403 – Dk Green
100404 – Gray
100405 – Mid Green
100406 – Orange
100407 – Purple
100408 – Red
100409 – Yellow





Use with OILSAFE labeling to color-code and uniquely identify your lubricants.

See OILSAFE labeling section on page 25.

PART

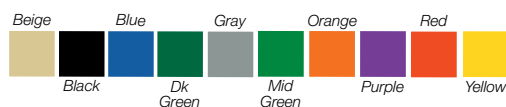
- 100200 – Beige
- 100201 – Black
- 100202 – Blue
- 100203 – Dk Green
- 100204 – Gray
- 100205 – Mid Green
- 100206 – Orange
- 100207 – Purple
- 100208 – Red
- 100209 – Yellow

UTILITY LID

Ideal for topping off crank cases and gearboxes.

Multi-Purpose Utility Lid with large outlet hole (approx. 2") enables controlled fast pouring of lubricants.

The Utility Lid is designed to mate with an OILSAFE Standard or Premium Pump on a 3, 5 or 10 liter/US quart drum to take care of hard to reach and time consuming pumping applications such as gearboxes and transmissions.



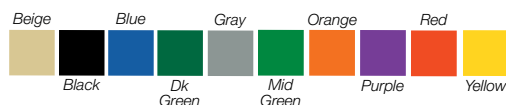
PART

- 100100 – Beige
- 100101 – Black
- 100102 – Blue
- 100103 – Dk Green
- 100104 – Gray
- 100105 – Mid Green
- 100106 – Orange
- 100107 – Purple
- 100108 – Red
- 100109 – Yellow

STORAGE LID

For on-site fluid storage and transporting applications.

With this lid, OILSAFE Drums can be pre-filled for safe storage and transport and can be located for easy and timely access to fluids where and when needed. A convenient alternative to handling bulky 20 liter/US quart drums. Advanced thread design ensures secure fully sealing fit on a 1.5, 2, 3, 5 or 10 liter/US quart drum.



PART

- 101001 –
1.5 Liter / US Quart
- 101002 –
2 Liter / US Quart
- 101003 –
3 Liter / US Quart
- 101005 –
5 Liter / US Quart
- 101010 –
10 Liter / US Quart

OILSAFE DRUMS

Fully graduated in both metric and imperial to assist with measuring fluid volumes.

Tough, and comfortable to handle, these drums come in 5 different sizes and fully seal when fitted to any genuine OILSAFE Lid. The drums have an extra wide neck opening (4.7" / 120mm) for rapid pouring and easy cleaning. Made of industrial-grade material that withstands the toughest working conditions, the drums are designed to last and are available in 1.5, 2, 3, 5, or 10 liter/US quart.

- Made of heat-resistant materials with UV and Anti-static additives.
- Ultra-durable construction. Will not warp, leak, bend or break.
- All Lids fit all genuine OILSAFE Drums from 1.5 through to 10 liter/US quart.



OILSAFE® – OIL EQUIPMENT Pumps & Accessories

Match with an OILSAFE Utility Lid and a 3, 5 or 10 liter/US quart OILSAFE Drum.

Integrate OILSAFE products to manage your fluid transfer from bulk storage to point of use.

Our **Visual Lubrication System** of products combines to identify, protect and reduce machinery downtime.

DELIVERS

1 liter / 12 strokes



Color-coding is by way of a removable colored collar. See page 12

PREMIUM PUMP

Feature rich and will handle up to ISO 680 fluids.

Sharing the unmatched efficiency and reliability of the OILSAFE Standard Pump, this heavy duty discharge pump is color-coded, has an ultra comfortable D handle grip design and has fully serviceable internals for maximum life.

Supplied standard with a 5 foot anti-drip outlet discharge hose and color-coded Body Collar, this pump can also be easily converted for quick connect use. Quick connects enable the container to be filled through the pump body (without removing the lid) and also enables attachment to machinery fill points by quick connect via the pump discharge hose. Quick Connect Kits and replacement parts are available.

Premium Pump comes standard with Viton O-Rings for oils where solvent content may be higher.

Match with an OILSAFE Utility Lid and a 3, 5 or 10 liter/US quart OILSAFE Drum.

For smaller fill hole applications add a Pump Reducer Nozzle accessory to the outlet nozzle. See page 12.



PART

102300 – Beige
102301 – Black
102302 – Blue
102303 – Dark Green
102304 – Gray
102305 – Mid Green
102306 – Orange
102307 – Purple
102308 – Red
102309 – Yellow



DELIVERS

1 liter / 12 strokes



STANDARD PUMP

General purpose pump will handle up to ISO 460 fluids.

This high quality down-stroke discharge pump is perfect for quickly and easily accessing hard to reach and time consuming top up points such as gearbox and transmission applications. Supplied with a removable discharge hose for easy cleaning and drainage, the pump delivers 1 liter for approximately 12 strokes.

Match with an OILSAFE Utility Lid and a 3, 5 or 10 liter/US quart OILSAFE Drum.

Supplied with 5 foot Removable Discharge Hose with a hook outlet nozzle. The anti-drip nozzle is made of aluminum and fits 1/2" and larger fill holes.

For smaller fill hole applications add a Pump Reducer Nozzle accessory to the outlet nozzle. See page 12.

PART # 102000





PART #

920206 – 5' Hose
Anti-drip hook outlet

920207 – 10' Hose
Anti-drip hook outlet

920208 – 5' Hose
1/4" NPT male end

920209 – 10' Hose
1/4" NPT male end

DISCHARGE HOSES

For on-site fluid storage and transporting applications.

Available as a replacement 5 foot hose or in a 10 foot version for when longer reach is required, these Discharge Hoses screw easily to OILSAFE Standard and Premium Pumps.

Available in two types:

- Anti-drip hook outlet – for discharging lubricants into open fill points 1/2" and larger. Available in 5 foot and 10 foot. Custom lengths available on request.
- 1/4" NPT Male end – for fitting quick connects. Available in 5 foot and 10 foot. Custom lengths available on request.



PART #

920220 – 5' Hose

920225 – 10' Hose



PREMIUM PUMP QUICK CONNECT KITS

No need to remove the lid!

Configure the OILSAFE Premium Pump for operation with quick connects. This enables the container to be filled by quick connect through the pump body (no need to remove the lid) and also enables attachment to machinery fill points by quick connect via the pump discharge hose. No mess, no contaminated oil top ups.

Kit contents:

- Discharge hose (available in two lengths) with 1/4" NPT male adapter. For fitting of your preferred female quick connect.
- 1/4" NPT Male adapter for pump return port. For fitting of your preferred male quick connect
- 10 Micron Breather fits to Premium Pump accessory port providing contaminant free air intake when using Quick Connects.

Note: Does not come supplied with male or female Quick Connects.



PART #

920250 – 10 Micron

920255 – 3 Micron

PREMIUM PUMP BREATHERS

Protection against airborne contaminants during the pumping process.

Available in two different sizes these breathers screw into the accessory port on OILSAFE premium Pumps. Choose from the 10 micron baffle breather (shown in photo) or 3 micron trap breather.

The 10 Micron Baffle Breather is included with the Premium Pump Quick Connect Kits.



OILSAFE® – GREASE EQUIPMENT

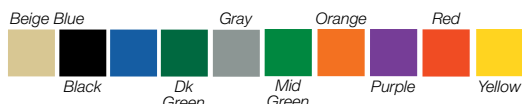
Colour-Coded Clear Grease Guns & Tubes

COLOUR-CODED CLEAR GREASE GUNS & TUBES

Colour-Coded Clear Grease Guns enable accurate identification of a lubricant by providing visibility of the installed cartridge or the grease level if bulk filled.

Made of impact resistant polycarbonate, the clear body tubes are extremely tough and durable and have been designed for many years of use in industrial environments.

Available in 10 colours:



Clear Pistol Grip - Orange
Part # 330806



Clear Lever Grip - Blue - Part # 330502

HEAVY DUTY - CLEAR LEVER GRIP PART#'S

| Beige | Black | Blue | Dk.Green | Gray | Mid Green | Orange | Purple | Red | Yellow | Custom |
|--------|--------|--------|----------|--------|-----------|--------|--------|--------|--------|--------|
| 330500 | 330501 | 330502 | 330503 | 330504 | 330505 | 330506 | 330507 | 330508 | 330509 | 330350 |

HEAVY DUTY - CLEAR PISTOL GRIP PART#'S

| Beige | Black | Blue | Dk.Green | Gray | Mid Green | Orange | Purple | Red | Yellow | Custom |
|--------|--------|--------|----------|--------|-----------|--------|--------|--------|--------|--------|
| 330800 | 330801 | 330802 | 330803 | 330804 | 330805 | 330806 | 330807 | 330808 | 330809 | 330750 |

FLEXIBLE GREASE HOSE

Easier access to fittings that are hard to reach.

Fit these flexible hoses to OILSAFE grease guns and allow easier access to fittings that are hard to reach. Available in two lengths and in a Standard or Heavy Duty style.

Also consider the heavy duty spring guard for extra rigidity to the coupling end of the hose, allowing added safety and convenience in fitment – particularly effective when working with Grease Control Valves.

Standard hose is suitable for hand operated guns, while the Heavy Duty hose may be used on hand operated or air operated grease guns.



WARNING! Never use beyond recommended working pressure.

| LENGTH | FITTING SIZE | SPRING GUARD | WORKING PRESSURE | BURST PRESSURE | PART # |
|------------------------|--------------|--------------|------------------|----------------|--------|
| Standard Hose | | | | | |
| 12" | 1/8" NPT | No | 3500 PSI | 11600 PSI | 331000 |
| 18" | 1/8" NPT | No | 3500 PSI | 11600 PSI | 331001 |
| Heavy Duty Hose | | | | | |
| 12" | 1/8" NPT | No | 5800 PSI | 13775 PSI | 331020 |
| 18" | 1/8" NPT | No | 5800 PSI | 13775 PSI | 331021 |





GREASE FITTING PROTECTORS

OILSAFE Grease Fitting Protectors save you the cost of equipment failures related to contamination or misapplication.

Grease Fitting Protectors deliver a secure seal over most common grease fittings providing excellent protection against contamination. Furthermore, with 10 colors and space for labels the Grease Fitting Protectors clearly identify what grease is required for the fitting.

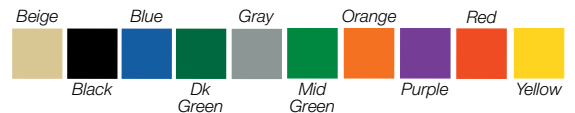
These innovative, patented products provide a number of benefits over traditional Zerk protectors, including:

- Use as part of the fully integrated, color-coded visual fluid management system.
- Available in 10 colors. Custom and pre-printed labels available, see pages 32-33.
- Recessed head for label placement.
- Innovative design ensures easy removal from zerk fitting – even when wearing work gloves.
- Durable industrial grade materials.
- Available in various sizes and in pre-configured kit formats.
- Makes grease fittings easy to find. **Supplied in bags of 100.**



CLEAR PROTECTIVE LENS - PART # - 290999
Bags of 100

These lens fit securely into the top of Grease Fitting Protectors and ID Tabs providing a protective barrier above labels.



| BAG OF 100 | BEIGE | BLACK | BLUE | DARK GREEN | GRAY | MID GREEN | ORANGE | PURPLE | RED | YELLOW |
|------------|--------|--------|--------|------------|--------|-----------|--------|--------|--------|--------|
| 1/4" | 291000 | 291001 | 291002 | 291003 | 291004 | 291005 | 291006 | 291007 | 291008 | 291009 |
| 13/32" | 291100 | 291101 | 291102 | 291103 | 291104 | 291105 | 291106 | 291107 | 291108 | 291109 |
| 17/32" | 291200 | 291201 | 291202 | 291203 | 291204 | 291205 | 291206 | 291207 | 291208 | 291209 |

GREASE FITTING PROTECTOR KITS

Enables you to dedicate a specific color to a specific grease.

OILSAFE Grease Fitting Protector Kits come in 3 color kits consisting of; Blue, Purple and Red, as well as 6 color kits consisting of; Black, Blue, Mid Green, Purple, Red and Yellow. This enables you to dedicate a specific color to a specific grease. Grease Fitting Protectors also come in various sizes to suit most common grease fittings.

See charts below for part numbers and sizes.

3 COLOR GREASE FITTING PROTECTOR KITS



| GFP SIZE | # OF COLORS | PIECES | PART # |
|----------|-------------|--------|--------|
| 1/4" | 3 | 60 | 900911 |
| 1/4" | 3 | 240 | 900901 |
| 13/32" | 3 | 60 | 900912 |
| 13/32" | 3 | 240 | 900902 |
| 17/32" | 3 | 60 | 900913 |
| 17/32" | 3 | 240 | 900903 |

6 COLOR GREASE FITTING PROTECTOR KITS



| GFP SIZE | # OF COLORS | PIECES | PART # |
|----------|-------------|--------|--------|
| 1/4" | 6 | 60 | 900931 |
| 1/4" | 6 | 240 | 900921 |
| 13/32" | 6 | 60 | 900932 |
| 13/32" | 6 | 240 | 900922 |
| 17/32" | 6 | 60 | 900933 |
| 17/32" | 6 | 240 | 900923 |

WHY USE OILSAFE® LABELING PRODUCTS?

Manage your fluid transfer from bulk storage to point of use. The OILSAFE unique Visual Lubrication System of products combines to identify, protect and reduce machinery downtime.



OILSAFE is the only industrial grade labeling system in the world that enables accurate lubricant identification from bulk storage to the fill point. In the process providing:

- **5S** – color-coded, identification and order.
- **LEAN** – the right lubricant in the right fill point.
- **Right to Know** – ensuring operators are aware of what they are handling.

The fully integrated OILSAFE system is comprised of two core components:

- **Labels** – available in various sizes, styles and materials.
- **Label Holders** – many different types and combinations to address the challenges of securing labels in an industrial environment.

Innovative, practical and durable, this fully integrated and color-coded labeling system also:

- **Ensures** the **right lubricant** goes into the **right machine** every time.
- **Improves** OSHA compliance.
- **Accommodates** inclusion of MSDS information at all steps of the lubrication process.
- **Enables** consistent identification of bulk storage, intermediate containers and point of use.
- **Flexible and suitable** for multiple workplace applications.
- **Industrial grade, high quality** and suitable for outdoor use.
- **Improves** productivity and efficiency.
- **Increases** bottom line savings.

How to Implement the OILSAFE® Labeling System

Customized & Standard Fluid Identification from Bulk Storage to the Point of Use



BULK STORAGE UNITS

The first step in the chain of custody. Ensuring that Lubrication Technicians can **clearly identify the lubricant they need**.

Solutions range from simple adhesive labels through to solutions that include complete MSDS information.



TRANSFER CONTAINERS & LIDS

Cross contamination of lubricants can be just as damaging as dirt and water. **Match** the transfer container label to the bulk label to eliminate the potential for cross contamination, and ensure that employee's **Right To Know** entitlements are addressed.

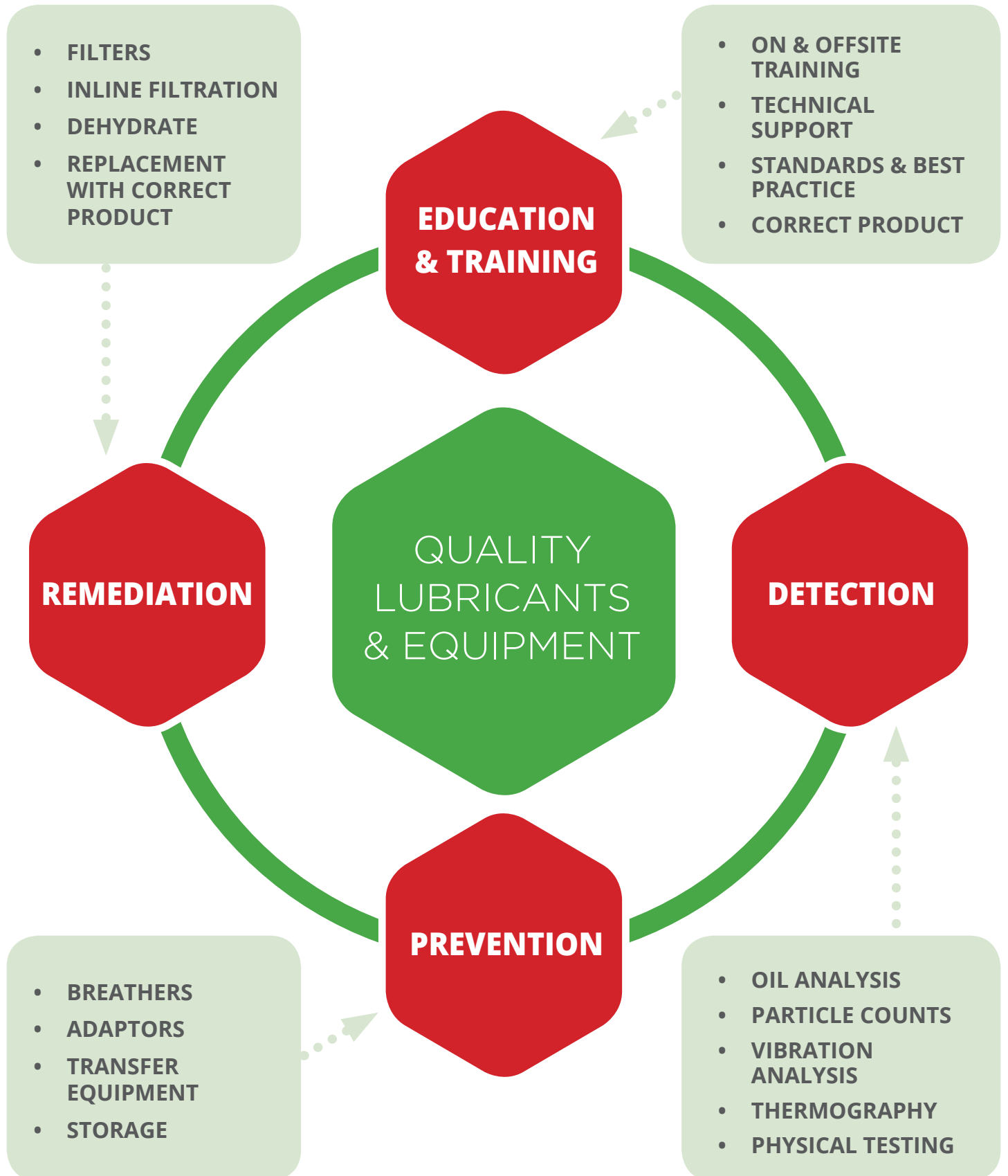


POINT OF USE

Getting the **right lubricant** into the **right fill point** (contaminant free) is one of the simplest ways to reduce maintenance and operating costs.

Matching the container label to the fill point label is the final step.

THE ILS RELIABILITY PROGRAMME



ILS ENGINEERING AND HYDRAULIC SERVICES

ILS LUBRICATION SURVEYS

ILS have qualified staff who can work with your site engineers to produce a comprehensive site lubrication survey listing each application and lubricant used on your site.

All surveys are loaded into the ILS on-line Survey Manager Database giving you a transparent record of each application, the proposed lubricant and the lubrication frequency required.

Sites can go on-line and update their lubrication survey at any time to add in new plant or to make alterations to the products or lubrication frequencies.

ILS NATIONAL TRAINING SEMINARS

ILS offer lubrication training seminars for customers in the food industry. These courses contain best practice information for lubrication and reliability.

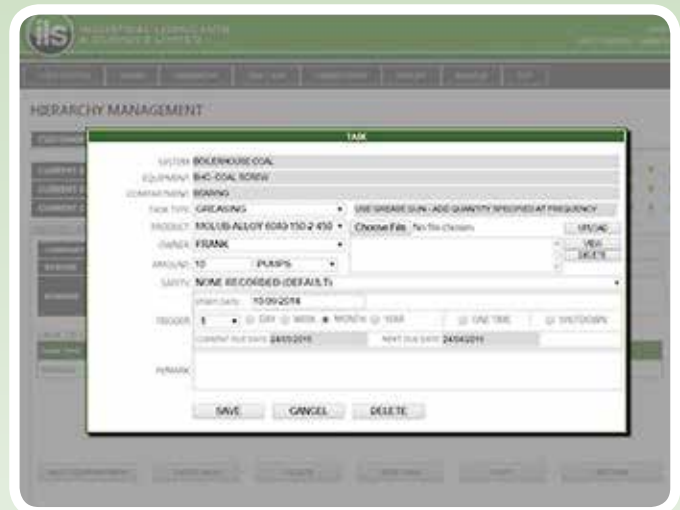
ILS include sections on product including the Food grade range, applications and benefits to businesses from switching to a full food-grade range.

ILS can offer specific in-house training by arrangement, which can be targeted to a selected range of topics to raise the standard at a customer site.

ILS TECHNICAL SUPPORT

ILS can offer on and off site technical support through our team of chemists and engineers giving critical support for all of your applications on site.

When used in conjunction with the on-line ILS Lubrication Manager Database our technical staff can view your applications, discuss the products that you are using and then make suggestions on how to make improvements to ensure maximum plant reliability and performance.



ILS LUBRICATION ENGINEERING SERVICES

The ILS Engineering Services package ranges from management and scheduling of lubrication tasks on your site to our fully trained engineers lubricating your equipment.

The on-line Lubrication Database can offer full traceability of all site lubrication tasks, schedule lubrication tasks by machine, product, or employee, provide reports on activities completed on site and allows you to get full visibility on what equipment has been lubricated and when.

An easy to read traffic light system allows the users to understand their site's lubrication position at any one point in time and to offer full traceability of the lubricant right down to the application.

ILS USED OIL MONITORING SYSTEM

Monitor the condition of your system / Know your priorities and when to take action

4 STEP PROCESS

TO GETTING A USED OIL CONDITION MONITORING PROGRAM UP AND RUNNING

1

PURCHASE A USED OIL KIT FROM ILS (6 PER BOX)



2

TAKE SAMPLE FROM EACH UNIT AND ATTACH LABEL - FREEPOST TO LAB

ils
INDUSRIAL SERVICES
ILS can take Samples for you on a regular service program
Talk to ILS for more info



3

**RECEIVE EMAILED TRENDING REPORT TO YOUR INBOX WITHIN 48 HOURS OF RECEIPT AT THE LABORATORY!
QUICK-VIEW TRENDING IS USER FRIENDLY**



4

**REVIEW THE PROGRAM ONLINE AVAILABLE FROM TABLET / PC.
RAISE LABELS FOR PRINTING AND ADDITIONAL FUNCTIONS.**



AIR SENTRY & COLOURGUARD

CREATE A CLOSED LOOP SYSTEM AND KEEP CONTAMINANTS OUT!

Protect Your Equipment

Two Main Threats To Productivity

Particulates

More than 75% of all machine wear related failures were due to particulate contaminants. Frequently the greatest cost of equipment failure is not the component replacement cost, but the labor production downtime. Most particles start off as dirt that becomes airborne, which then finds its way into lubricant and fuel reservoirs, and is later transported to bearings, bushings, seals, valves, and other machine components. There they become key ingredients in abrasion, erosion, and fatigue failures. The contaminants also cause lubricant degradation, shortening the life of the lubricant and decreasing its ability to lubricate.

With machine clearances measured in thousandths of an inch, it doesn't take much contamination to affect bearings and other sensitive components. Even particles of 10 micron or smaller can disrupt the lubricant film and cause a great amount of wear.

Moisture

Moisture is a continuous threat. Its presence in lubricants and hydraulic fluids creates a host of problems including rust, lubricant additive depletion, viscosity changes, oxidation and sludge formation.

Air Sentry® Breathers neutralise contamination and stops moisture from entering your equipment while still allowing clean air to pass through.

With an Air Sentry® Breather installed you can rest easy knowing that your investments are protected from humidity and the ill effects associated with moisture and dirt getting into your systems.



COLORGUARD



GEARBOX ADAPTER KITS

Allows oil to be pumped in or out without opening the gearbox to atmosphere.



DRUM ADAPTER KITS

Allows breathers to be installed on any storage tank or drum; there's never been a cleaner, more effective way to store, filter and pump lubricants from a drum.



HYDRAULIC RESERVOIR ADAPTER KITS

Quick connects to allow oil in or out keeping the system closed with no contamination risk.





To contact the ILS team:
Freephone: 0800 104 011
Technical: 0800 104 017
Email: orders@ils.co.nz

For product information,
technical data sheets or
MSDS information go to

WWW.ILS.CO.NZ

