

# LUBRICANTS

## OILS & GREASES

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HYSOL MB50 is especially designed for machining of ferrous and aluminium alloys.

- High Performance soluble metalworking fluid
- Unique additives that enhances machining performance and surface finish
- Chlorine and Formaldehyde releasing agent free
- Improves bio-resistance properties - lowers overall operations cost
- Suitable for large central systems
- Suitable for single pump machines.

NOTE: Not recommended for use with yellow metals.

Product Code	Description	Pack Description
CAS-HYSOLMB50-020	Hysol MB 50	20L Pail
CAS-HYSOLMB50-205	Hysol MB 50	205L Drum

## High Performance Soluable Metalworking Fluid

CASTROL



Hysol X is especially designed for machining of steel, stainless steel and aluminium alloys.

- High Performance soluble metalworking fluid
- Unique additives that enhances machining performance and surface finish
- Chlorine free
- Suitable for large central systems
- Suitable for single pump machines

Product Code	Description	Pack Description
CAS-HYSOLX-020	Hysol X	20L Pail
CAS-HYSOLX-205	Hysol X	205L Drum

## Air Compressor Lubricant

CASTROL



Air Compressor Lubricant designed to reduce heat and friction in rotary screw and reciprocating compressors.

- Suitable for hydraulic, air and gas compressors.
- Suitable for small units to large multi-stage configurations
- Also includes oils for refrigeration systems

Product Code	Description	Pack Description
CAS-AIRCOLMR46-020	Aircol MR 46	20L Pail
CAS-AIRCOLMR46-205	Aircol MR 46	205L Drum
CAS-AIRCOLMR68-020	Aircol MR 68	20L Pail
CAS-AIRCOLMR68-205	Aircol MR 68	205L Drum
CAS-AIRCOLD46-020	Aircol PD 46	20L Pail
CAS-AIRCOLD46-205	Aircol PD 46	205L Drum
CAS-AIRCOLD100-020	Aircol PD 100	20L Pail
CAS-AIRCOLD100-205	Aircol PD 100	205L Drum
CAS-AIRCOLD100-020	Aircol SN 100	20L Pail
CAS-AIRCOLD100-205	Aircol SN 100	205L Drum
CAS-AIRCOLD46-020	Aircol SR 46	20L Pail
CAS-AIRCOLD46-205	Aircol SR 46	205L Drum
CAS-AIRCOLD68-020	Aircol SR 68	20L Pail
CAS-AIRCOLD68-205	Aircol SR 68	205L Drum



The Castrol Alpha SP gear oil range of high quality lubricants are based upon highly refined mineral oil, enhanced with an extreme pressure additive technology providing good thermal stability and high load carrying capacity.

Product Code	Description	Pack Description
CAS-ALPSP068-020	Alpha SP 68	20L Pail
CAS-ALPSP068-205	Alpha SP 68	205L Drum
CAS-ALPSP100-020	Alpha SP 100	20L Pail
CAS-ALPSP100-205	Alpha SP 100	205L Drum
CAS-ALPSP150-020	Alpha SP 150	20L Pail
CAS-ALPSP150-205	Alpha SP 150	205L Drum
CAS-ALPSP220-020	Alpha SP 220	20L Pail
CAS-ALPSP220-205	Alpha SP 220	205L Drum
CAS-ALPSP320-020	Alpha SP 320	20L Pail
CAS-ALPSP320-205	Alpha SP 320	205L Drum
CAS-ALPSP460-020	Alpha SP 460	20L Pail
CAS-ALPSP460-205	Alpha SP 460	205L Drum
CAS-ALPSP680-020	Alpha SP 680	20L Pail
CAS-ALPSP680-205	Alpha SP 680	205L Drum

## CASTROL

## Gear Oil -Synthetic Range - ALPHASYN EP



The Castrol Alphasyn EP gear oil range of high quality synthetic lubricants are based on poly-alphaolefin (PAO) fluids and sulphur/phosphorus Extreme Pressure (EP) additive technology providing good thermal stability and high load carrying capacity.

Product Code	Description	Pack Description
CAS-ALPEP220-020	Alphasyn EP 220	20L Pail
CAS-ALPEP220-205	Alphasyn EP 220	205L Drum
CAS-ALPEP320-020	Alphasyn EP 320	20L Pail
CAS-ALPEP320-205	Alphasyn EP 320	205L Drum
CAS-ALPEP460-020	Alphasyn EP 460	20L Pail
CAS-ALPEP460-205	Alphasyn EP 460	205L Drum
CAS-ALPEP680-020	Alphasyn EP 680	20L Pail
CAS-ALPEP680-205	Alphasyn EP 680	205L Drum

## CASTROL

## Metal Stamping Fluid - ILOFORM



Castrol Iloform is a process compatible product family with excellent lubrication properties suitable for various metal forming operations such as drawing, stamping and hydroforming, as well as rolling applications.

Product Code	Description	Pack Description
CAS-ILOFORMPN223-020	Iloform PN 223	20L Pail
CAS-ILOFORMPN223-205	Iloform PN 223	205L Drum
CAS-ILOFORMPN224-020	Iloform PN 224	20L Pail
CAS-ILOFORMPN224-205	Iloform PN 224	205L Drum



Castrol Hyspin is a range of high quality mineral oils with a viscosity index improver.

- For modern hydraulic equipment operating under severe service conditions
- Wide temperature range and high pressure
- Suitable for injection moulders, earthmoving hydraulic systems, machine tools, agriculture equipment

Product Code	Description	Pack Description
CAS-HYSAWS010-020	Hyspin AWS 10	20L Pail
CAS-HYSAWS010-205	Hyspin AWS 10	205L Drum
CAS-HYSAWS022-020	Hyspin AWS 22	20L Pail
CAS-HYSAWS022-205	Hyspin AWS 22	205L Drum
CAS-HYSAWS032-020	Hyspin AWS 32	20L Pail
CAS-HYSAWS032-205	Hyspin AWS 32	205L Drum
CAS-HYSAWS046-020	Hyspin AWS 46	20L Pail
CAS-HYSAWS046-205	Hyspin AWS 46	205L Drum
CAS-HYSAWS046-1000	Hyspin AWS 46	1000L IBC
CAS-HYSAWS068-020	Hyspin AWS 68	20L Pail
CAS-HYSAWS068-205	Hyspin AWS 68	205L Drum
CAS-HYSAWS068-1000	Hyspin AWS 68	1000 IBC
CAS-HYSAWS100-020	Hyspin AWS 100	20L Pail
CAS-HYSAWS100-205	Hyspin AWS 100	205L Drum
CAS-HYSAWS150-020	Hyspin AWS 150	20L Pail
CAS-HYSAWS150-205	Hyspin AWS 150	205L Drum
CAS-HYSAWS220-020	Hyspin AWS 220	20L Pail
CAS-HYSAWS220-205	Hyspin AWS 220	205L Drum

## Hydraulic Oil - HYPIN AWH &amp; ZZ

CASTROL



The Castrol Hyspin AWH hydraulic oil with Viscosity Index improver (VI) range is based upon highly refined mineral oil enhanced with a stabilised zinc additive system.

Product Code	Description	Pack Description
CAS-HYSAWH015-020	Hyspin AWH 15	20L Pail
CAS-HYSAWH032-020	Hyspin AWH 32	20L Pail
CAS-HYSAWH046-020	Hyspin AWH 46	20L Pail
CAS-HYSAWH046-205	Hyspin AWH 46	205L Drum
CAS-HYSAWH068-020	Hyspin AWH 68	20L Pail
CAS-HYSAWH068-205	Hyspin AWH 68	205L Drum
CAS-HYSAWH100-020	Hyspin AWH 100	20L Pail

The Castrol Hyspin ZZ hydraulic oil range of lubricants are based on a carefully selected ash-less (zinc free) additive system designed to meet and exceed the most exacting performance standards.

Product Code	Description	Pack Description
CAS-HYSZZ032-020ZF	Hyspin ZZ 32	20L Pail
CAS-HYSZZ032-205ZF	Hyspin ZZ 32	205L Drum
CAS-HYSZZ046-020ZF	Hyspin ZZ 46	20L Pail
CAS-HYSZZ046-205ZF	Hyspin ZZ 46	205L Drum
CAS-HYSZZ046-1000ZF	Hyspin ZZ 46	1000L IBC
CAS-HYSZZ068-020ZF	Hyspin ZZ 68	20L Pail
CAS-HYSZZ068-205ZF	Hyspin ZZ 68	205L Drum
CAS-HYSZZ068-1000ZF	Hyspin ZZ 68	1000L IBC
CAS-HYSZZ150-020ZF	Hyspin ZZ 150	20L Pail
CAS-HYSZZ150-205ZF	Hyspin ZZ 150	205L Drum



The Castrol Magnaglide family of oils are high performance, demulsifying, slideway lubricants based on solvent refined mineral oil. These contain very efficient lubricity and extreme pressure additives for effective control of machine tool sliding surfaces.

Product Code	Description	Pack Description
CAS-MAGNASW32-020	Magna SW 32	20L Pail
CAS-MAGNASWD68-020	Magna SW D68	20L Pail
CAS-MAGNASWD68-205	Magna SW D68	205L Drum
CAS-MAGNASWD220-020	Magna SW D220	20L Pail
CAS-MAGNASWD220-205	Magna SW D220	205L Drum

## CASTROL

## Grease - SPHEEROL



Castrol Spheerol is a range of greases which comprises lithium based products, containing highly refined mineral oils, fortified with extreme pressure (EP) additives as well as corrosion and oxidation inhibitors.

Product Code	Description	Pack Description
CAS-SPHEEROLEPL0-0025	Spheerol EPL 0	2.5kg Tub
CAS-SPHEEROLEPL0-020	Spheerol EPL 0	20kg Pail
CAS-SPHEEROLEPL0-175	Spheerol EPL 0	175kg Drum
CAS-SPHEEROLEPL00-020	Spheerol EPL 00	20kg Pail
CAS-SPHEEROLEPL00-175	Spheerol EPL 00	175kg Drum
CAS-SPHEEROLEPL1-020	Spheerol EPL 1	20kg Pail
CAS-SPHEEROLEPL1-180	Spheerol EPL 1	180kg Drum
CAS-SPHEEROLEPL2-0045	Spheerol EPL 2	450g Catridge
CAS-SPHEEROLEPL2-002.5	Spheerol EPL 2	2.5kg Tub
CAS-SPHEEROLEPL2-020	Spheerol EPL 2	20kg Pail
CAS-SPHEEROLEPL2-055	Spheerol EPL 2	55kg Pail
CAS-SPHEEROLEPL2-180	Spheerol EPL 2	180kg Drum
CAS-SPHEEROLEPLX200-2 045	Spheerol EPLX	450g Catridge
CAS-SPHEEROLEPLX200-2 020	Spheerol EPLX	20kg Pail
CAS-SPHEEROLHTB2-0045	Spheerol HTB2	450g Catridge
CAS-SPHEEROLHTB2 020	Spheerol HTB2	20kg Pail
CAS-SPHEEROLLMM-0045	Spheerol LMM	450g Catridge
CAS-SPHEEROLLMM-002.5	Spheerol LMM	2.5kg Tub
CAS-SPHEEROLLMM 020	Spheerol LMM	20kg Pail
CAS-SPHEEROLSBX2-0045	Spheerol SBX2	450g Catridge
CAS-SPHEEROLSBX2-020	Spheerol SBX2	20kg Pail
CAS-SPHEEROLULTRATAK-0045	Spheerol Ultratak 2	450g Catridge
CAS-SPHEEROLULTRATAK2-020	Spheerol Ultratak 2	20kg Pail

## CASTROL

## Corrosion Preventitive - RUSTILO DWX



Mineral oil, solvent-based and aqueous corrosion preventitive fluid with different film characteristics and variable protection times for use on all grades of ferrous and many non-ferrous metal surface. Ideal for protetion of machine tools and components prior to storage or transportation.

Product Code	Description	Pack Description
CAS-RUSTILOWDX21-020	Rustilo DWX 21	20L Pail
CAS-RUSTILOWDX22-020	Rustilo DWX 22	20L Pail
CAS-RUSTILOWDX22-205	Rustilo DWX 22	205L Drum
CAS-RUSTILOWDX30-020	Rustilo DWX 30	20L Pail
CAS-RUSTILOWDX30-205	Rustilo DWX 30	205L Drum
CAS-RUSTILOWDX32-020	Rustilo DWX 32	20L Pail
CAS-RUSTILOWDX32-205	Rustilo DWX 32	205L Drum



The Shell Corena range of air compressor oils has been developed to deliver value to your operations through enhanced wear protection, long oil life and high system efficiency.

Product Code	Description	Pack Description
SHEL-COR S2P068 20	Corena S2 P68	20L Pail
SHEL-COR S2P100 20	Corena S2 P100	20L Pail
SHEL-COR S2P150 20	Corena S2 P150	20L Pail
SHEL-COR S3R46 20	Corena S3 R46	20L Pail
SHEL-COR S3R46 209	Corena S3 R46	209L Drum
SHEL-COR S3R68 20	Corena S3 R68	20L Pail
SHEL-COR S4R46 20	Corena S4 R46	20L Pail

## Multi Purpose Grease - GADUS

SHELL



Shell Gadus is a comprehensive family of greases, that includes multipurpose greases that can help to simplify your product inventory, as well as specific greases, including advanced polyurea synthetic products designed for the most severe extreme-temperature and long-life applications, and a range of open-gear lubricants.

Product Code	Description	Pack Description
SHEL-GAD RAILS2-018	Gadus Rail S Traction Motor	18kg Pail
SHEL-GAD S2 V100 2 .450	Gadus S2 V100 2	450g Catridge
SHEL-GAD S2 V100 2 18	Gadus S2 V100 2	18kg Pail
SHEL-GAD S2 V100 2 180	Gadus S2 V100 2	180kg Drum
SHEL-GAD S2 V100 3 .450	Gadus S2 V100 3	450g Catridge
SHEL-GAD S2 V100 3 18	Gadus S2 V100 3	18kg Pail
SHEL-GAD S2 V100 3 180	Gadus S2 V100 3	180kg Drum
SHEL-GAD S2 V220 00 18	Gadus S2 V220 00	18kg Pail
SHEL-GAD S2 V220 0 18	Gadus S2 V220 0	18kg Pail
SHEL-GAD S2 V220 1 18	Gadus S2 V220 1	18kg Pail
SHEL-GAD S2 V220 2 .450	Gadus S2 V220 2	450g Catridge
SHEL-GAD S2 V220 2 18	Gadus S2 V220 2	18kg Pail
SHEL-GAD S2 V220 2 180	Gadus S2 V220 2	180kg Drum
SHEL-GAD S2 V220 AC2 .450	Gadus S2 V220 AC2	450g Catridge
SHEL-GAD S2 V220 AC2 18	Gadus S2 V220 AC2	18kg Pail
SHEL-GAD S2 V220 AC2 180	Gadus S2 V220 AC2	180kg Drum
SHEL-GAD S2 V220 AD 18	Gadus S2 V220 AD2	18kg Pail
SHEL-GAD S2 V220 AD2 .450	Gadus S2 V220 AD2	450g Catridge
SHEL-GAD S2 V1000 AD1.5	Gadus S2 V1000 AD1.5	18kg Pail
SHEL-GAD S2 V1000 AD2.450	Gadus S2 V1000 AD2	450g Catridge
SHEL-GAD S3 T100 2 .450	Gadus S3 T100 2	450g Catridge
SHEL-GAD S3 T100 2 18	Gadus S3 T100 2	18kg Pail
SHEL-GAD S3 T220 2 .450	Gadus S3 T220 2	450g Catridge
SHEL-GAD S3V220C1 018	Gadus S3 V220 C1	18kg Pail
SHEL-GAD S3 V220 C .450	Gadus S3 V220 C2	450g Catridge
SHEL-GAD S3 V220 C2 18	Gadus S3 V220 C2	18kg Pail
SHEL-GAD S3 V220 C2 180	Gadus S3 V220 C2	180kg Drum
SHEL-GAD S3 V4608-018	Gadus S3 V460 2	18kg Pail
SHEL-GAD S3 V460D-0045	Gadus S3 V460 D2	450g Catridge
SHEL-GAD S5 T460 1.5 180	Gadus S5 T460 1.5	180kg Drum





Consistent and reliable lubrication, whatever the operating conditions, is key to meet the challenges of a wide range of equipment designs and applications. Shell Morlina offers a portfolio of oils that enables you to choose a product to help match your technical and operational needs.

Product Code	Description	Pack Description
SHEL-MOR S2 BL10 20	Morlina S2 BL10	20L Pail
SHEL-MOR S2 BL10 209	Morlina S2 BL10	209L Drum
SHEL-MOR S2 B150 20	Morlina S2 B15	20L Pail
SHEL-MOR S2 B150 209	Morlina S2 B150	209L Drum
SHEL-MOR S2 B220 020	Morlina S2 B220	20L Pail

## SHELL

## Industrial Gear Oil - OMALA



The Shell Omala range of industrial gear oils helps you to match oil life to your operational needs. Advanced synthetic oils such as Shell Omala S4WE can offer additional benefits by providing improved energy efficiency compared with conventional oils.

Product Code	Description	Pack Description
SHEL-OMA S2 G 068 20	Omala S2 G 68	20L Pail
SHEL-OMA S2 G 068 209	Omala S2 G 68	209L Drum
SHEL-OMA S2 G 100 20	Omala S2 G 100	20L Pail
SHEL-OMA S2 G 100 209	Omala S2 G 100	209L Drum
SHEL-OMA S2 G 150 20	Omala S2 G 150	20L Pail
SHEL-OMA S2 G 150 209	Omala S2 G 150	209L Drum
SHEL-OMA S2 G 220 20	Omala S2 G 220	20L Pail
SHEL-OMA S2 G 220 209	Omala S2 G 220	209L Drum
SHEL-OMA S2 G 320 20	Omala S2 G 320	20L Pail
SHEL-OMA S2 G 320 209	Omala S2 G 320	209L Drum
SHEL-OMA S2 G 460 20	Omala S2 G 460	20L Pail
SHEL-OMA S2 G 460 209	Omala S2 G 460	209L Drum
SHEL-OMA S2 G 680 20	Omala S2 G 680	20L Pail
SHEL-OMA S2 G 680 209	Omala S2 G 680	209L Drum
SHEL-OMA S2 G 1000 209	Omala S2 G 1000	209L Drum
SHEL-OMA S4 GX 220 20	Omala S4 GX 220	20L Pail
SHEL-OMA S4WE150-020	Omala S4 WE150 Gear Oil	20L Pail
SHEL-OMA S4WE220-020	Omala S4 WE220 Gear Oil	20L Pail
SHEL-OMA S4WE320-020	Omala S4 WE320 Gear Oil	20L Pail





Shell Tellus fluids are high performance hydraulic fluids that use Shell's unique patented technology to provide outstanding protection and performance in most manufacturing and many mobile equipment operations.

Product Code	Description	Pack Description
SHEL-TELLM22 20	Tellus S2 MX22	20L Pail
SHEL-TELLM22 209	Tellus S2 MX22	209L Drum
SHEL-TELLM32 20	Tellus S2 MX32	20L Pail
SHEL-TELLM32 209	Tellus S2 MX32	209L Drum
SHEL-TELLM46 20	Tellus S2 MX46	20L Pail
SHEL-TELLM46 209	Tellus S2 MX46	209L Drum
SHEL-TELLM46 1000	Tellus S2 MX46	1000L IBC
SHEL-TELLM68 20	Tellus S2 MX68	20L Pail
SHEL-TELLM68 209	Tellus S2 MX68	209L Drum
SHEL-TELLM100 20	Tellus S2 MX100	20L Pail
SHEL-TELLM100 209	Tellus S2 MX100	209L Drum
SHEL-TELLS2V46 20	Tellus S2 VX46	20L Pail
SHEL-TELLS2VX46 209	Tellus S2 VX46	209L Drum
SHEL-TELLS2V68 20	Tellus S2 VX68	20L Pail
SHEL-TELLS2V68 209	Tellus S2 VX68	209L Drum
SHEL-TELLSM32 20 ZF	Tellus S3 M32	20L Pail
SHEL-TELLSM46 209 ZF	Tellus S3 M46	209L Drum
SHEL-TELLS3M46 1000 ZF	Tellus S3 M46	1000L IBC
SHEL-TELLSM68 209 ZF	Tellus S3 M68	209L Drum
SHEL-TELLME68 209	Tellus S4 ME68	209L Drum

## Premium Slideway Oil - TONNA

SHELL



Shell's Tonna Range is especially designed to lubricate machine tool slides, table stand feed mechanisms. With excellent frictional properties, very good slideway adhesion and excellent anti-wear performance, it can be relied on to help provide efficient machining accuracy and reliable protection for your equipment.

Product Code	Description	Pack Description
SHEL-TONS68 20	Tonna S3 M68	20L Pail
SHEL-TONS68 209	Tonna S3 M68	209L Drum
SHEL-TONS220 20	Tonna S3 M220	20L Pail



Shell's Rimula oils provide low wear for long engine life, low deposit formation to maintain engine performance and resist breakdown by heat for continuous protection in demanding applications in mining, construction and quarrying.

Product Code	Description	Pack Description
SHEL-RIM R3+30 20	Rimula R3+30	20L Pail
SHEL-RIM R310W 209	Rimula R3 10W	209L Drum
SHEL-RIM R315W40 209	Rimula R3 x 15W40	209L Drum
SHEL-RIM R4L15W40 20	Rimula R4L15W40	20L Pail
SHEL-RIM R4L15W40 CK4 209	Rimula R4 L15W40 CK4	209L Drum
SHEL-RIM R4X15W40 20	Rimula R4 X15W40	20L Pail
SHEL-RIM R4X15W40 209	Rimula R4X 15W40	209L Drum
SHEL-RIM R6LM10-40 20	Rimula R6LM 10-40	20L Pail

## SHELL

## Gear and Axle Oil - SPIRAX



Shell's Spirax oils are blended for use in a wide variety of automotive axle units with limited slip differentials.

Product Code	Description	Pack Description
SHEL-SPI A90 20	Spirax S2 A ALS90	20L Pail
SHEL-SPI S3ATFMD-020	Spirax S3 ATF MD	20L Pail

## SHELL

## Cleaning Solution - DOBATEX GOLD



Water based multipurpose cleaning solution for truck, car and marine applications and heavy duty mining equipment.

Product Code	Description	Pack Description
SHEL-DOB AQUA 020	Dobatex Aqua Degreaser	20L Pail
SHEL-DOB G 004	Dobatex Gold	4L Bottle
SHEL-DOB G 20	Dobatex Gold	20L Pail
SHEL-DOB G 200	Dobatex Gold	200L Drum
SHEL-DOB PLAT 020	Dobatex Platinum	20L Pail



High performance hydraulic fluid, based on the latest base oil and additive technology. The use of an ashless additive pack warrants optimal performance and a long service life

Product Code	Description	Pack Description
MAT-HYDROMAX AW32 20	Hydromax AW32	20 Ltr Pail
MAT-HYDROMAX AW32 205	Hydromax AW32	205 Ltr Drum
MAT-HYDROMAX AW46 20	Hydromax AW46	20 Ltr Pail
MAT-HYDROMAX AW46 205	Hydromax AW46	205 Ltr Drum
MAT-HYDROMAX AW46 1000	Hydromax AW46	1000 Ltr IBC
MAT-HYDROMAX AW68 20	Hydromax AW68	20 Ltr Pail
MAT-HYDROMAX AW68 205	Hydromax AW68	205 Ltr Drum
MAT-HYDROMAX AW68 1000	Hydromax AW68	1000 Ltr IBC
MAT-HYDROMAX ZF 46 205	Hydromax ZF46	205 Ltr Drum
MAT-HYDROMAX ZF 68 205	Hydromax ZF68	205 Ltr Drum

ZF = Zinc Free

## Slideway Oil - SLIDEMAX

**MATRIX**


Slidemax are specially compounded oils developed for the lubrication for slides and ways. They are specially developed to eliminate the phenomenon of stick-slip in machine tool operation. The combination of compounding, special base oils and additives gives Slidemax outstanding stability, extreme oiliness, adhesiveness and exceptional load carrying ability.

Product Code	Description	Pack Description
MAT-SLIDEMAX 68 20	Slidemax 68	20 Ltr Pail
MAT-SLIDEMAX 68 209	Slidemax 68	209 Ltr Drum

## Neat Drawing Oil - FDX 3012

**MATRIX**


FDX 3012 is an oil with EP properties specially formulated for metal stamping, sheet cutting and drawing applications. The combination of EP additives, lubricity and polar compounds make it specially suitable for obtaining very high efficiency.

### Applications

FDX 3012 is suitable for cold drawing of all kind of metals including steel, stainless steel, brass, bronze and aluminium and for drawing of a automotive components.

### Benefits

- Extended die life
- Reduced pick-up and scoring
- High film strength
- Excellent surface finish
- Easy to apply

Product Code	Description	Pack Description
MAT-FDX 3012-020	FDX 3012	20 Ltr Pail
MAT-FDX 3012-205L	FDX 3012	205 Ltr Drum



Hales AD1500 is a high performance semi synthetic metalworking coolant designed for the machining of aluminium, steel, copper and brass. It has been formulated for use in soft water as well as hard water, and exhibits low foam and excellent stability under a wide range of conditions. Hales AD1500 offers excellent surface finish and extended tool life, even in difficult operations. Excellent corrosion protection, non-staining to ferrous materials and to aluminium and alloys.

Product Code	Description	Pack Description
HALESAD1500-020	Hales AD 1500	20L Pail
HALESAD1500-200	Hales AD 1500	200L Drum

## HALES COOLANTS &amp; FLUIDS

## Synthetic Metal Working and Grinding Fluid - HALES ULTRA 990



Hales Ultra 990 is a chlorine and nitrite free, synthetic coolant, specially designed for light to medium duty cutting and grinding of ferrous and non-ferrous metals. It offers improved performance in applications where conventional synthetic coolants are often used, providing enhanced grinding performance, excellent cleanliness, and providing the machining performance to extend its use to most grinding and general machining operations, on cast iron and low to medium tensile steels, aluminium alloys and copper alloys.

Product Code	Description	Pack Description
HALESULTRA-20	Hales Ultra 990	20L Pail
HALESULTRA-200	Hales Ultra 990	200L Drum

## HALES COOLANTS &amp; FLUIDS

## CNC Machine System Cleaner - HALES MTC50

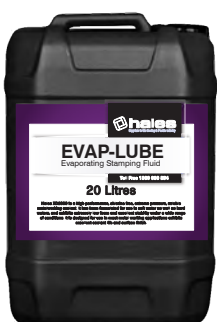


Hales MTC50 is specially formulated to deal with the range of contaminants in machine tool systems, using water based coolants. Regular use of MTC50 at fluid changeover time is highly recommended, as the adoption of the simple clean out procedure dramatically reduces coolant related problems, and ensures maximum coolant life. MTC 50 is easy to use, with minimum disruption to production, being added direct to the coolant system whilst still in operation.

Product Code	Description	Pack Description
HALESMTTC50 05	Machine/System Cleaner	5L Pail
HALESMTTC50 20	Machine/System Cleaner	20L Pail

## HALES COOLANTS &amp; FLUIDS

## Evaporating Stamping Fluid - HALES EVAP-LUBE



Hales Evap-Lube is a low viscosity evaporative stamping fluid. Its prompt evaporation characteristics result in the manufacture of clean components which will accept welds, allow for adhesion of paint to processed parts and leave virtually no residue to react with other processing chemicals.

Applications: Suitable for light duty blanking, stamping, shallow drawing and forming, is a non-corrosive and non-staining to aluminium, copper, steel and their alloys. Suitable materials: aluminium, mild steel, brass, galvanised sheet, copper and painted stock.

Product Code	Description	Pack Description
HALESEVAPLUBE 20	Evaporating Stamping Fluid	20L Pail
HALESEVAPLUBE 200	Evaporating Stamping Fluid	200L Drum





Excellent for the removal of glues and for use as a surface cleaner prior to application of sealant. Acetone can be used for cleaning brushes used in fibreglass resin, varnish and lacquer and as a cleaning agent.

Product Code	Description	Pack Description
HALESACETONE-20	Hales Acetone	20L Pail

## Solvent - HALES X55 (SHELLITE X55)

## HALES SOLVENTS



X55 Solvent is a wide boiling range, rapidly evaporating solvent. It can be used in formulation requiring 'speed of evaporation' and combines well with organic compounds. It also delivers a high solvency of greases and oils.

Product Code	Description	Pack Description
HAESLITEX55 20L	Hales Shelite X55 Solvent	20L Pail
HAESLITEX55 200L	Hales Shelite X55 Solvent	200L Drum

## Multi-Purpose Solvent - HALES KEROSENE

## HALES SOLVENTS



Kerosene is a light, oily liquid obtained during the distilling of crude oil and is commonly used as heater fuel and degreaser.

Product Code	Description	Pack Description
HALESKERO 20	Hales Kerosene	20L Pail
HALESKERO 200	Hales Kerosene	200L Drum

## Denatured Alcohol - HALES METHYLATED SPIRITS

## HALES SOLVENTS



Methylated Spirits is a very versatile cleaning agent commonly used as a heavy-duty disinfectant, hard surface cleaner or solvent. It is also a great stain remover for removing ink from non-porous surfaces.

Product Code	Description	Pack Description
HALESMETHO-20	Hales Methylated Spirits	20L Pail



New generation of technically advanced food grade grease developed by complexing modified over based calcium sulphonates. The new technology offers superior mechanical stability, high temperature, high load carrying performance, reduced wear and excellent resistance to water, steam and corrosion.

Product Code	Description	Pack Description
FM-GREASECASS00HS-18	Foodmax Grease CAS S 00 HS	18kg Pail
FM-GREASECASS1LS-040	Foodmax Grease CAS S1 LS	400g Cartridge
FM-GREASECASS1LS-18	Foodmax Grease CAS S1 LS	18kg Pail
FM-GREASECASS2HS-040	Foodmax Grease CAS S2 HS	400g Cartridge
FM-GREASECASS2HS-040SL	Foodmax Grease CAS S2 HS	400g Shuttle
FM-GREASECASS2HS-18	Foodmax Grease CAS S2 HS	18kg Pail
FM-GREASECASS2LS-040	Foodmax Grease CAS S2 LS	400g Cartridge
FM-GREASECASS2LS-18	Foodmax Grease CAS S2 LS	18kg Pail
FM-GREASECASS2LS-E120	Foodmax Pulsar Lube	120ml Dispenser

## MATRIX FOODMAX

### Food Grade - Clear Grease



Food grade lubricating grease suitable for the lubrication of a wide range of applications including plain and rolling element bearings in the slaughter houses, canning and bottle factories or any other food processing plants. Works well in the lubrication of plastic components and O-rings.

Product Code	Description	Pack Description
FM-CLEAR2GREASELS-040SL	Foodmax Clear 2 Grease	400g Shuttle

## MATRIX FOODMAX

### Food Grade White Grease - ASP Grease



Foodmax Grease ASP 2 is an aluminium complex grease designed for the lubrication of almost any type of application which requires a food grade lubricant. Superior resistance to water, is very suitable for the lubrication of chains operated in very wet conditions such as food conveyor chains.

Product Code	Description	Pack Description
FM-GREASEASP2-040	Foodmax Grease ASP 2	400g Cartridge
FM-GREASEASP2-018	Foodmax Grease ASP 2	18kg Pail

## MATRIX FOODMAX

### Food Grade Silicone Grease - SI Grease



Foodmax Grease SI is a range of adherent silicone based grease for the lubrication of valves and taps, available in different grades for several applications. Long lifetime and perfect water insolubility, it extends the working life and reduces the wear of ceramic disks.

Product Code	Description	Pack Description
FM-GREASEASI3-040	Foodmax Grease SI 3	400gm Cartridge
FM-GREASEASI3-018	Foodmax Grease SI 3	18kg Pail



- Formulated using specially selected, highly refined base stock in combination with the latest additive technology
- Excellent anti wear properties
- Use for both power and motion transfer in machinery operated close to food production processes.

Product Code	Description	Pack Description
FM-AWHYDRA22-020	Foodmax AW Hydra 22	20L Pail
FM-AWHYDRA46-020	Foodmax AW Hydra 46	20L Pail
FM-AWHYDRA46-210	Foodmax AW Hydra 46	210L Drum
FM-AWHYDRA68-020	Foodmax AW Hydra 68	20L Pail
FM-AWHYDRA68-210	Foodmax AW Hydra 68	210L Drum
FM-AWHYDRAPAO32-20	Foodmax AW PAO Hydra 32	20L Pail
FM-AWHYDRAPAO46-20	Foodmax AW PAO Hydra 46	20L Pail
FM-AWHYDRAPAO68-20	Foodmax AW PAO Hydra 68	20L Pail

## Food Grade White Paraffine Oil - Basic

## MATRIX FOODMAX



- Can be used in the authorised industrial operations whenever there is the possibility of food contact.
- Perform well as dough divider oil
- Lubricant for cutters, knives, conveyors and rollers in packaging equipments.
- Suitable for use as an anti-corrosive for food processing machines

Product Code	Description	Pack Description
FM-BASIC015-020	Foodmax Basic 15	20L Pail
FM-BASIC032-020	Foodmax Basic 32	20L Pail

## Food Grade Chain/Slide Way Oil - Chain

## MATRIX FOODMAX



- Fully synthetic
- Adhesive fluids for the lubrication of drive chains, conveyor chains and slide ways
- Special additives extend relubrication intervals significantly
- Non-drip, no fling characteristics
- Also available, Chain HT-X (hi-temp) and Chain LT (low temp).

Product Code	Description	Pack Description
FM-CHAIN068-020	Foodmax Chain 68	20L Pail
FM-CHAIN068-210	Foodmax Chain 68	210L Drum
FM-CHAIN150-020	Foodmax Chain 150	20L Pail
FM-CHAIN220-020	Foodmax Chain 220	20L Pail
FM-CHAIN220-210	Foodmax Chain 220	210L Drum
FM-CHAINHTX-020	Foodmax Chain HT-X	20L Pail



- Using the latest base stock technology together with a special additive package
- High performance food grade gear oil
- Also available in PAO and PAG synthetic

Product Code	Description	Pack Description
FM-GEAR220-020	Foodmax Gear 220	20L Pail
FM-GEAR320-020	Foodmax Gear 320	20L Pail
FM-GEAR460-020	Foodmax Gear 460	20L Pail
FM-GEAR680-020	Foodmax Gear 680	20L Pail
FM-GEARPAG150-020	Foodmax Gear PAG 150	20L Pail
FM-GEARPAG220-020	Foodmax Gear PAG 220	20L Pail
FM-GEARPAG320-020	Foodmax Gear PAG 320	20L Pail
FM-GEARPAG460-020	Foodmax Gear PAG 460	20L Pail
FM-GEARPAG680-020	Foodmax Gear PAG 680	20L Pail
FM-GEARPAO100-020	Foodmax Gear PAO 100	20L Pail
FM-GEARPAO150-020	Foodmax Gear PAO 150	20L Pail
FM-GEARPAO220-020	Foodmax Gear PAO 220	20L Pail
FM-GEARPAO320-020	Foodmax Gear PAO 320	20L Pail
FM-GEARPAO460-020	Foodmax Gear PAO 460	20L Pail
FM-GEARPAO680-020	Foodmax Gear PAO 680	20L Pail

## MATRIX FOODMAX

### Food Grade Sugar Dissolving Chain Lubricant - Mammut



- Food safe lubricant specially developed for use on chains, sliding surfaces and moulds where build up of sugar is seen and eventually causes problems.
- Cleans, removes sugar build up
- Lubricates and prevents from corrosion and new sugar accumulation

Product Code	Description	Pack Description
FM-MAMMUTT25-020	Foodmax Mummutt 25	20L Pail

## MATRIX FOODMAX

### Food Grade Anti-Seize Assembly Paste



- White, non-toxic, grease like compound
- Designed for use as an assembly lubricant for lubricating bushes, sliding surfaces and small open plastic or metal gears and anti-seize compound for threaded fasteners.
- To prevent damage during start up and protect against premature wear during the running-in period

Product Code	Description	Pack Description
FM-ASSEMBLYPASTE-0125	Foodmax Assembly Paste	125gm Tube
FM-ASSEMBLYPASTE-003	Foodmax Assembly Paste	3kg Tub
FM-ASSEMBLYPASTE - 0200	Foodmax Assembly Paste	Aeropack 200ml





A certified food-grade lubricant lanolin grease.

- Lanolin grease acts as anti-seize for threaded rod, shackles, nuts and bolts
- Moisture proofs multi-pin plugs and connectors
- Stops electrolysis due to dissimilar metal contact
- Stops galling of stainless steel and aluminium
- Lubricates rubber hoses, o-rings, linkages, pivot pins and bushes
- Protects metal fastenings and fittings from corrosion

Product Code	Description	Pack Description
LANO-TYPEA4L	Lano Type A Grease	4 Litre
LANO-TYPEA1L	Lano Type A Grease	1 Litre
LANO-TYPEA500	Lano Type A Grease	500ml Tube
LANO-TYPEA20L	Lano Type A Grease	20 Litre
LANO-TYPEA250	Lano Type A Grease	250ml Tube

## General Purpose (GP) Liquid Lanolin - Food Grade

LANOTEC



A multi-purpose penetrant, lubricant and corrosion inhibitor.

- Penetrates deep through rust and loosens rusted tools and components
- Multi purpose lubricant protecting hinges, zippers, padlocks, sliding doors, locks and chains
- Provides corrosion protection for most surfaces, hinges and chains
- Cleans, rejuvenates and extends the life of metal, timber, vinyl, plastic, leather, rubber, fibreglass and powder-coated surfaces
- Protects electrical equipment and components
- Prevents oxidation for containerised shipping

Product Code	Description	Pack Description
LANO-GENERALPURPOSE750	Lano GP Liquid	750ml Spray
LANO-GENERALPURPOSE5L	Lano GP Liquid	5 Litre
LANO-GENERALPURPOSE20L	Lano GP Liquid	20 Litre
LANO-GENERALPURPOSE400	Lano GP Liquid	400gm Aero



A lubricant and corrosion inhibitor.

- Lubricates and protects high-speed and loadbearing chains (non-fling and non-webbing), wire ropes, slings and pulling cables
- Protects all electrical equipment on machinery, including battery terminals, boxes and connectors
- Provides long-lasting lubrication of moving parts in highly-corrosive environments
- Sprays on as anti-seize

Product Code	Description	Pack Description
LANO-HEAVYDUTY750	Lano HD Liquid	750ml Spray
LANO-HEAVYDUTY5L	Lano HD Liquid	5 Litre
LANO-HEAVYDUTY20L	Lano HD Liquid	20 Litre
LANO-HEAVYDUTY400	Lano HD Liquid	400gm Aero



Foodmax DWF spray is a non-toxic lubricating, penetrating and de-watering lubricant and is ideal for use on lightly loaded chains, bearings and slides in food and clean environments. Working temperature -30 °C to 145 °C.

Product Code	Description	Pack Size
FM-DWFSPRAY-040	Foodmax DWF Spray	400g Aerosol

## Food Grade Silicone Spray

## MATRIX FOODMAX SPRAYS



A food grade, silicone based, anti-adherent and lubricating fluid with a very high temperature resistance. Great for packaging transport lines and for low load applications. Also suitable as anti adherent for any type of equipment, demoulding of all type of plastics and rubbers and surface polisher.

Product Code	Description	Pack Size
FM-SILICONESPRAY-040	Foodmax Silicone Spray	400g Aerosol

## Food Grade Grease CAS

## MATRIX FOODMAX SPRAYS



H-1 approved for use in food processing equipment where incidental contact with food may occur. They are designed to provide superior performance at low and elevated temperatures (-40°C~200°C) and during periods of infrequent lubrication in food processing applications. Foodmax Grease CAS can be used for general lubrication, slide ways, chains and high load bearings in the food industry.

Product Code	Description	Pack Size
FM-CASSPRAY-040	Foodmax Grease CAS Spray	400g Aerosol

## Food Grade Lubricating White Oil Spray - Easy Spray

## MATRIX FOODMAX SPRAYS



Foodmax Easy Spray can be used as a general lubricant as a non sticky chain oil, bearings and slides with low load, a food grade mould release, hinges and as a cleaning and conserving agent for stainless steel. Foodmax Easy Spray can be used as a food grade mould release oil as well.

Product Code	Description	Pack Size
FM-EASYSpray-040	Foodmax Easy Spray	400g Aerosol



Foodmax Clean Spray is a food grade cleaner degreaser. This non-toxic formulation has been formulated to effectively clean grease and oil residue, formulated from a citrus oil derivative which is non-toxic, non-caustic, biodegradable and can be used safely with minimal protective equipment.

Product Code	Description	Pack Size
FM-CLEANSPRAY-040	Foodmax Clean Spray	400g Aerosol

## MATRIX FOODMAX SPRAYS

## Food Grade Chain Spray - Multi Spray



Foodmax Multi Spray is a totally waterproof tacky chain spray that contains food grade synthetic fluid and PTFE lubricant that endures aggressive environments and create a strong shear-stable lubrication film. Suitable for a broad range of applications including chains, conveyers, slides, joints, etc.

Product Code	Description	Pack Size
FM-MULTISPRAY-040	Foodmax Multi Spray	400g Aerosol

## MATRIX FOODMAX SPRAYS

## Food Grade Electro Cleaner Spray - Clean E Spray



Foodmax Clean E spray is a powerful, fast drying cleaner, ideal for cleaning electronic equipment and components in and around food processing areas, such as control panels, electric motors, electrical contacts and switches.

Product Code	Description	Pack Size
FM-CLEANSER-040	Foodmax Clean E Spray	400g Aerosol

## MATRIX FOODMAX SPRAYS

## Food Grade Semi-Dry Lubricant - TFD Spray



Foodmax TFD Spray is a clean, non-toxic, non-staining and semi-dry lubricant fortified with PTFE. Provides excellent low friction properties and reduces static. Designed for repetitive movement applications in environments where a non-sticky lubricant is required. Suitable for use in food, chemical and printing industry as well as other industries requiring a clean lubricant. Temperatures range (-20°C~120°C)

Product Code	Description	Pack Size
FM-TFDSPRAY-040	Foodmax TFD Spray	400g Aerosol





The ultimate PTFE paste for the assembly of injection mould tools, it also provides excellent anti seize on many types of moving parts.

Product Code	Description	Pack Size
PROLON-250	PTFE 901 Paste Prolon	250g Tube
PROLON-500G	PTFE 901 Paste Prolon	500ml Tub
PROLON-20KG	PTFE 901 Paste Prolon	20kg Tub

## Performance X3

## MULTI PURPOSE



Performance X3 utilises a blend of synthetic fluids to transport M-FLON to critical bearing surfaces protecting them from wear and corrosion.

Applications:

- Lubricates and protects chains cables slide
- Protects against corrosion
- Penetrates and frees seized components
- Removes residues from old lubricants

Product Code	Description	Pack Size
MAT-PERFORM-X3 040	Performance X3 Spray	500ml Aerosol

## CRC 5.56 Multi Purpose Fluid

## MULTI PURPOSE



The professionals choice. CRC 5.56 multipurpose product has superior penetrating power, that breaks through rust and corrosion while it cleans away scale and dirt.

Also available in 175gm, 500m, 1litre, 200 litres

Product Code	Description	Pack Size
CRC-5.56CAN	CRC Multi-Purpose Spray	400g Aerosol
CRC-5.564LT	CRC Multi-Purpose Fluid	4 Litre
CRC-5.5620LT	CRC Multi-Purpose Fluid	20 Litre Drum

## Zap-Ox Cleaner

## MULTI PURPOSE



Zap-Ox Stain Remover.

Removes all rust, oxidation, buildup, stains, weld discoloration and more

Product Code	Description	Pack Size
NANO-ZO-16	Zap-Ox Cleaner	475ml Bottle



Extremely good absorption ability and capacity for all types of organic fluids, i.e: motor oils, hydraulic oils, gear oils, organic solvents, diesel oil, petrol, etc.

Product Code	Size	Pack Qty
FG-OILSHEET 100	40cm x 50cm	100 Sheets

## OIL ABSORBENT

## Oil Absorbant Clay



All purpose spill absorber, made from 100% absorbant granules which are effective at absorbing spills and liquids.

Environmentally safe and easy to use 20kg bags.

Product Code	Pack Description
HALESABSORBCLAY	20 KG



One hand grease gun with zinc plated steel barrel to suit 400g shuttle type cartridges, and an ergonomically designed pistol grip.

Fast and clean loading and unloading without opening the gun, eliminating any contamination.

Product Code	Description
FG-LUBESHUTTLEGUN	Foodgrade Lubeshuttle Grease Gun

## Ergonomic Food Industry - Side Lever Grease Gun With Hose

## ACCESSORIES



Two hand grease guns features a high quality zinc plated steel barrel body and an ergonomic hand grip to suit 400g shuttle type cartridges.

Fast and clean loading and unloading without opening the gun, eliminating any contamination

Product Code	Description
FG-2HLUBESHUTTLEGUN	Foodgrade Lubeshuttle Grease Gun

## 20L Food Grade Drum Pump Ezy Action

## ACCESSORIES



Ezy-Action food grade hand -operated piston pump is made of polypropylene for resistance to chemicals, dispenses liquids at a rate of 15oz. per stroke, and is suitable for dispensing viscous fluids, hard acids, or alkali cleaning chemicals

Product Code	Description
FG-PLASTICPUMP-025	Foodgrade Plastic Pump 25Lt

## Drum Pump Pail Adapter Fitting

## ACCESSORIES



Used to secure and lock the Ezy-Action drum pump into the pail.

Product Code	Description
FG-DRUMADAPTOR	White / Black Plastic Adapter



A classic grease gun that incorporates a unique variable stroke piston and valve arrangement for true one handed operation and can produce increased pressure through short strokes or high volume shot using a full stroke. Pistol-grip design to suit 450g grease cartridges, bulk filling or J3 grease transfer pump loading.

Product Code	Description
LA-K2901	Pistol Grip Grease Gun 450G

## ACCESSORIES

### Double Grease Gun - K45 Levergun



A lever-action grease gun designed for high pressure / high volume greasing and can easily clear blocked or damaged grease nipples.

The grease gun features a durable die cast aluminium head, a heavy gauge steel barrel and a heavy duty follower assembly to handle a wide range of grease viscosities. Suits 450g grease cartridges, bulk filling or MacNaught J3 transfer loading.

Product Code	Description
LA-K4501	Lever Grease Gun 450G

## ACCESSORIES

### Grease Pump - Bulk Filler Grease Gun



The 20kg grease pump is suitable for bulk filling of manual or electric hand grease guns. With a durable cast aluminium alloy pump outlet body, it allows for the fast reload of grease guns, taking less than a minute. The nipple allows bulk fill to valve with diameters of 9mm and 12.5mm. Comes standard with a Rubber follower plate.

Product Code	Description
LA-DG93411	Manual Grease Pump 20kg

## ACCESSORIES

### 20KG Portable Air Operated Grease Kit



The complete set of fluid transfer accessories gives the end user a trouble-free using experience. The standard model is composed of 50:1 pump, trolley, follower plate and drum over, 4 meter of 1/4" connection hose, 'Z' swivel and control gun with a working pressure of up to 8700psi.

Product Code	Description
LA-DIT1700512	Air Operated Grease Pump 20kg





Designed for dispensing most service fluids including engine, gear, transmission, hydraulic and some engine coolants from 20L - 25L drums.  
An extendable suction tube and two additional bung adaptors ensure that the expanding range of different size and types of drums are easily catered for.  
An extra-long clear delivery hose gives easy identification of the fluid type and allows better reach into difficult areas.

Product Code	Description
LA-MAOP20	Drum Pump 20Ltre

## 60 L or 205 L - Lever Action Barrel Pump

## ACCESSORIES



The Lever Action Barrel Pump is a telescopic suction tube for either 60L or 205L drums. Comes with 1 - 1/2" & 2" bung adaptors.  
Can pump up to 500ml per stroke, depending on viscosity.  
Wetted materials: steel, aluminium, zinc, brass, NBR, viton and suitable for lubricating oils and service fluids.

Product Code	Description
LA-LLBP	Lever Barrel Pump 205Ltr

## Rotary Pump

## ACCESSORIES



Rotary pumps offer easy self-priming and ability to deliver in both directions.  
For both 60 & 205L drums.

Product Code	Description
LA-LRPH	RotaryPump



**GLOBAL STRENGTH  
LOCAL KNOWLEDGE**



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