



Industrial Products

A range of high-quality industrial lubricants designed to perform



Performance Forged Through Technology



MORRIS
LUBRICANTS
ESTABLISHED 1869

Performance Forged Through Technology

LEADERS IN INDUSTRIAL LUBRICANTS

As one of Europe's leading manufacturers of industrial lubricants we have been delivering lubricant innovation for over 140 years. We're constantly striving to develop the next generation of products that not only meet, but far exceed, our clients' expectations. Our highly-skilled, expert team works in close collaboration with the world's major industrial machinery and component OEMs to ensure that our manufacturer-approved range of products continues to meet the very latest and most stringent of global standards

A COMPREHENSIVE RANGE OF INDUSTRIAL LUBRICANTS

Our range of industrial products has been specifically formulated to meet the tough demands of a modern manufacturing facility, reducing wear and increasing operating efficiency within critical machinery, processes and components. These include hydraulic systems, compressors, industrial gearboxes and bearings.

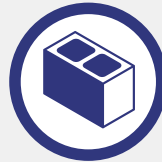
Hydraulic Oils

A range of premium hydraulic oils designed for demanding industrial applications. Designed to be subjected to extreme operating conditions and temperatures, available in a variety of viscosity grades. Our latest products contain anti-foam additives to facilitate rapid release of air and reduce sponginess in system operation.



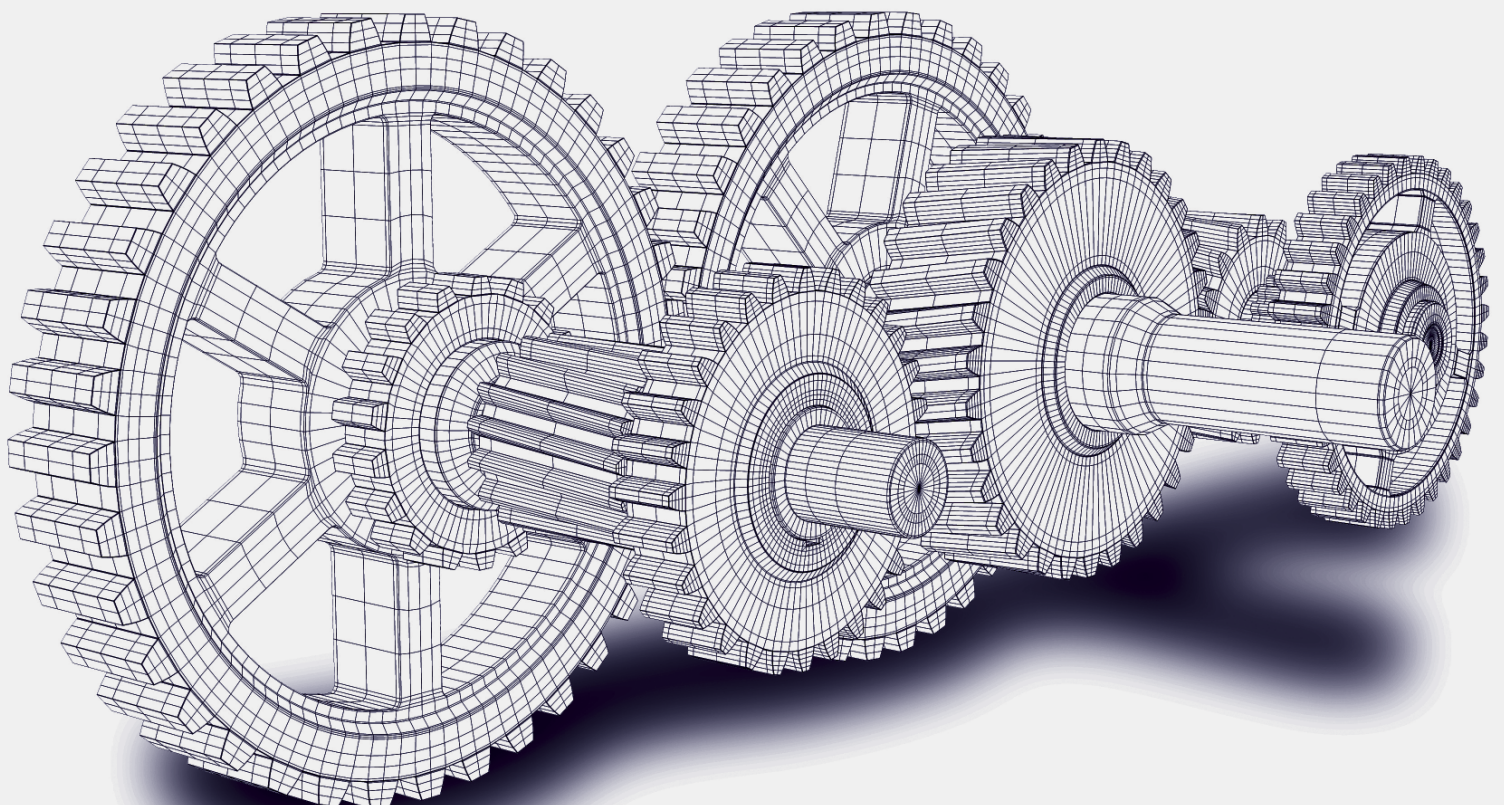
Mould Release Oils

A range of mould release oils formulated to cover various mould types and methods. Providing a high-quality finish and can be used in a variety of production techniques of fired clay, brick and concrete products.



Aerosols

A carefully blended range of high performance maintenance aerosol products, including solvent cleaners, degreasers and chain lubricants. The ideal addition to any maintenance workshop.



UNDERSTANDING YOUR NEEDS

Our world-renowned Research and Development department is constantly innovating to develop the next generation of world-class products for the industrial machinery and manufacturing processes of the future as well as today. Our commitment to customer care is further demonstrated by our value-added services and infrastructure, developed through continuous collaboration with industrial machinery OEMs, maintenance departments and industrial distributors.

ASK THE EXPERT

We're hugely proud of the relationships we have with our customers and are always on-hand to provide expert technical support whenever it is needed. Our expert team has extensive knowledge of lubricants and their applications, ensuring we are able to identify and recommend the perfect lubricant solutions to our customers' requirements.



Industrial Gear Oils

A range of enduring high-performance oils designed for industrial gear systems. Designed to provide a protective lubricating film for a wide range of operating temperatures. Applications include, reduction gearboxes, direct drives and angle drives etc.



Compressor Oils

A range of high-quality compressor oils designed and optimised for use in all compressor types, including hydrovane, rotary screw, reciprocating and lobe technologies. Incorporating the latest additive technologies to reduce wear and increase the life of the compressor.



Machine Oils

A range of performance machine oils particularly recommended for industrial use in enclosed and circulating systems, oil baths, automatic lubricators, wick oilers, spray, splash and mist lubricators and all oil-lubricated bearings, machine tool headstocks, enclosed gearboxes and vacuum pumps.



Heat Transfer Oils

A range of heat transfer oils formulated using high quality mineral oils and incorporate powerful oxidation inhibitors to ensure the necessary thermal stability for high working temperatures over long periods.



Greases

A range of premium quality multipurpose greases designed to lubricate and provide maximum protection for critical parts and components across a variety of industrial applications. The range is suitable for a variety of bearing and gear applications, operating under a range temperatures and environmental conditions. The range also includes products that are compliant with food production.



Slideway Lubricants

A high-performance range of multifunctional lubricants designed for machining centres. Recommended for slideways, tables, carriages and guides.



Corrosion Preventatives

A highly formulated range of corrosion preventatives for a variety of protection lengths and film types. Effective protection can range from 1 month to 3 years, even when exposed to outdoor environmental conditions.



Product Specifications

HYDRAULIC OILS



TRIAD HYDRAULIC OILS [M]

A range of premium grade mineral based hydraulic oils with good anti-wear properties providing protection in the most demanding of systems.

Performance Levels:

DIN 51524 Parts 1 and 2 (DIN 51525),
Sperry Vickers I-286-S, M-2950-S, Denison HF-2

Part numbers:

TRI (Triad32), TRF (Triad 46), TRS (Triad 68)

LIQUISAFE

High quality fire resistant hydraulic fluid blended with high and low molecular weight polyalkylene glycols in a stable water solution. The formulation includes special chemical additives that inhibit the formation of rust and provide anti-wear properties equal to that of mineral hydraulic oils.

Performance Levels: British Coal No. 570/1981
International Fluid Classification, HFC

Part number: LSA

LIQUIMATIC HV10, 22, 32, 46, 68, 100 [PM]

Liquimatic HV Grades are a range of high viscosity index hydraulic oils, formulated from high quality minerals oils and the latest anti-wear technology. These grades utilise a shear stable polymer that ensures that the oils do not thin down during their working life.

Performance Levels: DIN 51524 Part 3 (HVL),
Sperry Vickers I-286-S3, M-2950-S,
Denison HF-0 dry and wet T6C-020,
Denison HF-1, HF-2, Poclain (HV 46),
AFNOR E48-603 (HV:HM),
ASLE 64.1 to 64.4, 70.1 to 70.3, CETOP RP91H

Part numbers:

LHO (HV10), HVT (HV22), HVA (HV32),
LHV (HV46), LHS (HV68), HVO (HV100)

LIQUIMATIC No. 1, 2, 3, 4, 5, 6, 7 and 8 [PM]

A range of high quality hydraulic oils formulated with Group II base fluids, incorporating ashless additive technology and available in a variety of viscosity grades. They are rust and oxidation inhibited and will provide protection against corrosion even in the presence of seawater.

Performance Levels:

DIN 51524 Parts I and II (HLP),
AFNOR NFE 48-603 Parts I and II *,
Vickers Eaton I-286-S, M-2950-S,
General Motors LS-02 *, SAE MS1004 *

Note. Specifications marked with an asterisk do not apply to ISO VG 10, 15, 22, 100, 150 grades.

Part numbers:

LIO (1), LIT (2), LOT (3), LIF (4),
LIQ (5), LIS (6), LMS (7), LIE (8)

COMPRESSOR OILS



ARCATO R46, R68 [M]

Arcato R naphthenic mineral refrigeration oils are designed for use in low temperature refrigeration system compressors.

Performance Levels:

British Standard BS 2626/1975

Part numbers: ARP (R46), ARS (R68)

ARCATO AR 46 [M]

Naphthenic mineral oil designed exclusively for the lubrication systems of ammonia compressors used in refrigeration.

Performance Levels:

Operating temperatures down to -45°C,
British Standard BS 2626/1975

Part number: AAR

AIRFORCE 4000 ISO VG 32, 46, 68 & 100 [PM]

Specially formulated ashless compressor oils for the lubrication of both reciprocating and rotary air compressors.

Performance Levels:

DIN 51506 VD-L Category,
ISO 6743-3: DAA and DAB for reciprocating,
DAG for rotary screw

Part numbers:

AFT (VG32), AFF (VG46), AFO (VG68), AFT (VR100)

AIR FORCE 8000 FS ISO VG 32, 46 & 68 [FS]

Ester based, fully synthetic, compressor lubricants designed specifically to meet the requirements of rotary screw and reciprocating compressors including modern, variable speed types.

Performance Levels:

Foaming test - Nil Foam (all sequences),
DIN 51506 VD-L Category,
DAH and DAG for reciprocating,
DAG for rotary screw

Part numbers: AFE (VG32), AIE (VG46), AIS (VG68)

AIRFORCE 2000 ISO VG 150, 68 [M]

Formulated for sliding vane compressors or for reciprocating compressors operating at higher ambient temperatures.

Performance Levels:

Foaming test - Nil foam (all sequences),
Meets the requirements of Hydrovane
DTP -1 standard.

Part numbers: AIR (VG150), ASE (VG68)

AIRFORCE VPO LV AND HV [PM]

Manufactured from high quality mineral oils designed to maximise pump efficiency and vacuum performance.

Part numbers: ALV (VPO LV) AHV (VPO HV)

INDUSTRIAL GEAR OILS



LODEXOL PG INDUSTRIAL GEAR OILS [FS]

Fully synthetic, polyalkylene glycol (PAG) fluids formulated to provide outstanding protection at all temperatures to industrial gear systems.

Performance Levels:

DIN 51517 T.3 (ISO 6743/2) Type CLP,
Textron David Brown Classification Type G

Part numbers:

PGO (PG150), PGT (PG220), LXP (PG320), PGX (PG460)

LODEXOL INDUSTRIAL GEAR OILS [PM]

High quality mineral oils and specifically formulated extreme pressure (EP) additives, use in industrial gear systems of the spur, helical and straight and spiral bevel types.

Performance Levels (ISO VG 68 – 460 only):

DIN 51517 Part 3 (1989) category CLP,
ISO 12925-1: 1996 Category CKD,
AIST 224 / US Steel 224,
ANSI/AGMA 9004-D95 / 9005-E02,
SEB 181226 (500 hrs max),
Textron David Brown No. S1.53 101,
Cincinnati Machine P-74 (ISO VG 220 only),
Micropitting performance to FVA 54/7 (90°C)

Part numbers: LOS (68), L XO (100), LDO (150),
LOT (220), LXT (320), LOF (460), LDS (680)

LODEXOL FS INDUSTRIAL GEAR OILS [FS]

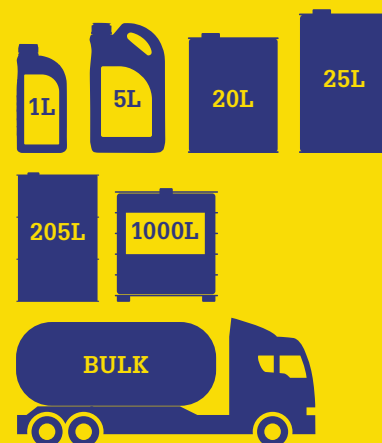
Fully synthetic, polyalpha olefin (PAO) fluids formulated to provide outstanding protection and thermal stability even at elevated temperatures.

Performance Levels: US Steel 224, AGMA 250.04,
David Brown Table E 2E-9E, Consistently strong
micropitting performance (Flender AG at 60°C and 90°C)

Part numbers: LXF (FS150), LXS (FS220), LFT
(FS320), LFO (FS460)

AVAILABLE SIZES

All of our products are available in a wide variety of sizes and materials suitable for various transportation and storage methods. Whatever your demands we will be able to accommodate them.



[FS] Fully Synthetic

[PM] Performance Mineral

[M] Mineral based

* Meets requirements

Product Specifications

CORROSION PREVENTATIVES



ANKORSOL

Water based specially formulated corrosion preventative particularly suited for protecting both ferrous and non-ferrous metals from corrosion in water and/or glycol systems.

Part number: ANK

ANKOR WAX

Solvent deposited, long term corrosion preventative, having low viscosity and surface tension thereby enabling it to spread rapidly, penetrating into all inaccessible areas and covering all surfaces however irregular.

Part number: WAX

ANKOR ST

Solvent deposited, short to medium term rust preventative, for use on components that are exposed for relatively short time periods. Dries to leave a greasy protective coating of petroleum products and additives that afford rust preventative properties.

Part number: AST

ANKOR RR

General purpose, oily, solvent deposited rust preventative for intermediate stage protection or short term use.

Part number: ARR

ANKOR KST

Solvent deposited, high flash point, short to medium term rust preventative, for use on components that are exposed for relatively short time. Dries to leave a continuous protective coating of oil petroleum products and additives that have powerful rust preventative properties.

Part number: STK

ANKOR D

Solvent deposited, short to medium term rust preventative. Dries to leave a continuous protective coating of oil petroleum products and additives that have powerful rust preventative properties.

Part number: AND

ANKOR C

Solvent deposited, medium term rust preventative, for use where the treated parts are exposed to outdoor conditions. Dries to leave a greasy protective coating of oil petroleum products and additives that have powerful rust preventative properties.

Part number: ANC

ANKOR 147

Oil based corrosion protective free from hydrocarbon and other solvents. The thin oily film to impart corrosion protection for a variety of metals under short to medium term storage dependent upon conditions.

Part number: ANO

GREASES



MAGNAPLEX K982

Bitumen free, Aluminium complex grease specifically formulated for use on open gears. This product has high load carrying and adhesive characteristics, which not only allow it to be used on gears with circumferential speeds in excess of 20m/sec, but also where exceptionally high loads and slow sliding speeds are encountered. Based on aluminium complex.

Part number: KMA

K968 WHITE FOOD MACHINERY GREASE

Premium quality, water resistant grease for use in food processing environments where incidental food contact may occur. Based on aluminium complex.

Performance Levels: NSF registered NSF HI, number 127929. USDA section 21 CFR 121.2553, and also 121.2610

Part number: WFG

K99 WATER RESISTANT GREASE

Premium quality, water resistant grease for use in industrial applications where the presence of water and humid atmospheres can effect lubrication performance. Based on calcium complex.

Part number: KNN

K84 SYNTHETIC SEMI-FLUID GREASE

Premium quality fully synthetic semi-fluid grease recommended for use in worm reduction units subjected to high loads.

Part number: KEF

K72 HIGH TEMPERATURE GREASE

Unique lithium complex grease containing a blend of extreme pressure, anti-wear and corrosion additives. Based on lithium complex.

Part number: KSH

K65 SYNTHETIC HIGH TEMPERATURE GREASE

Extreme temperature, medium consistency plain and rolling bearing grease for applications at operating temperatures up to 600°C. Based on bentone & graphite

Part number: HTG

K62 BENTONITE GREASE

Premium quality non-melting grease for use in plain and anti-friction bearings subjected to elevated temperatures. Based on bentone.

Part number: KST

K57 GRAPHITED CALCIUM GREASE

Premium quality anhydrous grease enhanced with laminar solid lubricant for use in anti-friction and plain bearing applications as well as slides, valves and plungers. Based on calcium & graphite

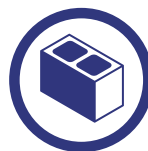
Part number: KFS

K15 OPEN GEAR COMPOUND

Highly adhesive bitumen based lubricant used for open gears. Suitable for the lubrication of large girth gears, heavy wire ropes, chains, flexible couplings, gears and sliding surfaces of drag lines shovels.

Part number: OGC

MOULD RELEASE OILS



TERZA M-107 MOULD RELEASE OIL

Solvent based, low viscosity mould release oil specially produced for use in high rate production of concrete roof tiles.

Part number: TZM

TERZA 7126 MOULD RELEASE CONCENTRATE

Solvent based, mould release concentrate specifically designed to enable the end user to dilute as required. This one product can be used for a wide range of release applications to keep inventories low.

Part number: TZA

TERZA 7060 MOULD RELEASE OIL

Solvent based, low viscosity mould release oil specially developed for use in high rate production of fired clay and concrete building products using steel or plastic moulds.

Part number: TMO

TABOR 95

Solvent free, high quality concrete mould oil specially designed for production of slabs, posts and paving where precision steel moulds are used.

Part number: TAB

TABOR 13 MOULD RELEASE AGENT

Low odour, solvent based, multi-purpose mould release agent for use on steel or wooden moulds.

Part number: TBT

AEROSOLS



MD-4

Aerosol packed damp start and penetrating fluid with outstanding corrosion protection properties.

Part number: MDF

SOLVENT CLEANER

General degreaser for components (not plastic) which evaporates quickly leaving them chemically clean.

Part number: SOL

CHAIN LUBE

Specially formulated for chains which penetrates quickly to give a strong cushioning and lubricating, grease like coating on all parts.

Part number: CRO

PAVAN

Non-caustic, solvent based cleaner for use on a variety of metals including used on aluminium and magnesium alloy engine and gearbox casings.

Part number: PAV

PRISE

Lead free anti-seize compound, recommended as a thread lubricant where rapid and trouble free disassembly is essential.

Part number: PSE

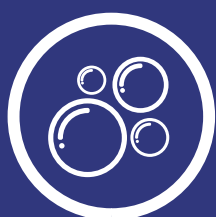
Metalworking Fluids

A range of high performance metalworking fluids manufactured to exacting standards in the UK under the Metcut banner. These cutting edge products are specifically developed by our team of world-class chemists with an in-depth working knowledge of metalworking applications. New and existing fluids are continually enhanced to satisfy developments in metalworking technologies and workplace legislation.



Metcut
METALWORKING FLUIDS

Supplementary Products



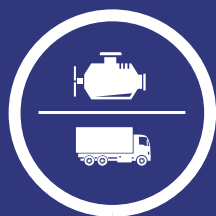
HYGIENE

A flexible range of cleaning products suitable for dilution and use in pressure washers to maintain cleanliness across a variety of surfaces.



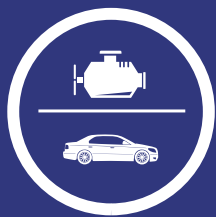
HAND CARE

A powerful range of solvent-free hand cleansers designed to remove the toughest of dirt and grime whilst providing ultimate protection to the skin. They make a perfect accompaniment to our barrier cream products in any workshop.



HEAVY DUTY DIESEL ENGINE OILS

A range of OEM approved heavy duty diesel engine oils that fulfils the needs of previous and current generation diesel engines. The range provides maximum rationalisation potential in mixed fleets where a number of manufacturers, models and engine technologies are being used.



AUTOMOTIVE ENGINE OILS

A range of OEM approved synthetic and semi-synthetic engine oils suitable for both petrol and diesel engines. The range fulfils the needs of previous and current generation engine technologies. Our latest synthetic products are an essential component in the operation of the latest low emission engine designs.



YOUR DEALER/DISTRIBUTOR:



FM 21756



EMS 60044



OHS 555083



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All the products are reflective of the latest specifications at the time of going to press and are part of a continuous development programme. The company reserves the right to change formulation and specification, without prior notice to meet the latest trends and developments in lubricant and grease technology. For more detailed information on any product and confirmation of the latest specifications contact our Technical Services Department. Full product data sheets and health and safety information is available on request.