



A range of high performance Industrial maintenance lubricants



Introduction

Metalube is an industrial lubricants manufacturer and exporter based in Manchester, UK with subsidiary companies based in China, India and Brazil. We formulate, manufacture and market all of our own lubricants with chemistry developed by our team of dedicated Research & Development scientists located at the Metalube Technology Centre in Manchester.

The Metalube Maintenance Lubricants range is designed to offer high-quality lubricant products formulated for use in maintenance, repair and overhaul (MRO) lubricant applications.

Metalube products use a range of highly refined mineral and synthetic-base oils such as esters, PAOs and other cutting-edge technologies. We also use chemical and solid additives which allow the products to achieve a significantly higher performance than conventional lubricants.

All Metalube, products are manufactured to our unique formulations and are subject to rigorous Quality Control testing in line with ISO9001 procedures.

Metalube's extensive testing procedure ensures that the performance of our products is reliable and will consistently deliver industry-leading performance, even under the most of arduous conditions.

Metalube exports to over 85 countries around the world. Our products are available ex-stock and we have a network of distributors located in all the major international industrial markets.

Please take some time to look through our extensive range. Local Metalube representatives will be happy to provide a commercial offer, delivered direct to your factory.



Global specialists in high-performance lubricants

Metalube Brazil

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The Maintenance Lubricants Range

Metapaste™ – Assembly & Dismantling Lubricants

A range of high-performance assembly and dismantling products which incorporate highly sophisticated solid lubricants such as copper, moly and graphite. This ensures that our products will continue to operate even under the harshest of conditions.

Metapaste™ Cu

Copper anti-seize compound that contains graphite and copper. Capable of operating up to 1100°C and ensures quick assembly and non-destructive dismantling of metal fixings.

Pack size: 500g, 18kg



Metapaste™ Moly

Moly-based assembly and dry-film paste which prevents metal to metal contact and metal parts from fretting and sticking on assembly. The product can also be used as a dry-film lubricant.

Pack size: 500g, 18kg



Rope-Tek™ – Industrial Wire Rope Lubricants

Rope-Tek™ is a high-performance range of industrial wire rope lubricants designed to offer extended life and corrosion preventative characteristics to all wire ropes used in the industrial market place.

Rope-Tek™ WRD5

Rope-Tek™ WRD5 is a high performance rope dressing that offers the benefits of thin film lubrication excellent water resistance and industry leading corrosion prevention properties.

Pack size: 18kg, 180kg



Rope-Tek™ WRD10

Rope-Tek™ WRD10 is a translucent grease that offers the benefits of cleanliness in use and ease of rope inspection (individual wires are easily visible through the grease film). It contains sub-micron solid lubricant particles which enhance the product's ability to prevent wear.

Pack size: 18kg, 180kg



Rope-Tek™ WRD20

Rope-Tek™ WRD20 is an enhanced version of WRD10 which has graphite added to the formulation to offer improved load carrying capabilities. This product is ideally suited to extreme high load or almost static ropes where conventional lubricating films can be ineffective.

Pack size: 18kg, 180kg



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M – Maintenance Aerosols

The M range is a comprehensive group of industrial maintenance aerosols that have the highest performance characteristics. The product range is designed to offer significant benefits compared to conventional industrial aerosols and significantly enhance the service life of components treated with the M maintenance aerosols.

M10 – Dry Moly Spray

A resin-bonded film designed to provide a thin layer of molybdenum disulphide onto the metal surface. Designed to prevent metal surfaces from galling, fretting or seizing.

Pack size: 400ml



M12 – Corrosion Inhibitor Spray

A corrosion inhibitor designed for long-term indoor protection of ferrous metals for up to five years.

Pack size: 400ml



M14 – Chain Spray

A chain oil designed to lubricate and protect chain systems from corrosion and wear. Capable of operating at temperatures between -30°C to 120°C.

Pack size: 400ml



Metachain™ – High Temperature Chain Oils

The Metachain™ range is designed to offer ultra-high-performance, high-temperature chain oils to industrial users with oven chains in a multitude of different market sectors. The product range offers synthetic ester-based technology and world-leading anti-oxidant technology which provides extended lubrication intervals with minimal levels of carbon deposits.

Metachain™ HTS

Metachain™ HTS is designed to perform to an extremely high standard. This product contains a variation of ester grades. The enhanced performance from the ester package ensures that the chain oil achieves a much longer stability at elevated temperatures than more conventionally formulated high temperature oils. Capable of operating up to 280°C.

Pack size: 5ltr, 25ltr, 205ltr



Metachain™ TS300

Metachain™ TS300 is a synthetic ester-based chain oil designed for use specifically on high temperature chain for textile stenters. The unique characteristics of Metachain™ TS300 ensure that it allows the lubrication intervals to be extended, thus reducing the overall cost of the product to the end user. Capable of operating up to 260°C.

Pack size: 5L, 25L, 205L



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Arvina Grease Range

Arvina MP 2

A general purpose grease with excellent load carrying and water washout properties. This product will perform to the highest level when used in general bearing grease applications and has a weld-load of 400kg and a water-washout of <2.5%.

Pack size: 185kg, 18kg



Arvina HS 2

Lithium thickened, synthetic low temperature and high speed bearing grease which uses a highly refined low viscosity base oil to ensure consistent performance even in applications with the highest speeds. Provides a DmN factor of >1,000,000 and can operate down to -50°C.

Pack size: 185kg, 18kg, 1kg



Arvina HL 2

A lithium grease with a high base oil viscosity and chemical Extreme Pressure additives. This product is further fortified with MoS2 to allow it to operate in conditions with high loads or shock loads.

Pack size: 185kg, 18kg



Arvina HT 2

A aluminium complex grease using low viscosity PAO base oil which provides excellent performance at high temperatures. Capable of operating at temperatures from -40°C up to +200°C.

Pack size: 185kg, 18kg, 1kg



Arvina OG 0

Highly tacky and adherent grease for use on all types of Open Gear systems. This product offers soft/semi-fluid properties providing excellent pumpability.

Pack size: 185kg, 18kg



Arvina WR 2

A highly effective water resistant grease that uses aluminium complex technology to help it achieve such high levels of performance. Water washout is <2% in 24hrs.

Pack size: 185kg, 18kg



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Arvina Grease Range

Comparison Table

	MP 2	HS 2	HL 2	HT 2	OG 0	WR 2
Colour	Beige	Yellow	Grey/Black	White	Black	Brown
Appearance	Smooth Grease	Smooth Grease	Smooth grease	Smooth Grease	Smooth Grease	Smooth Grease
NLGI	2	2	2	2	0	2
Base Oil	Mineral	Di-ester	Mineral	Synthetic	Mineral	Mineral
Thickener	Lithium Complex	Lithium	Lithium Complex	Aluminium Complex	Inorganic Clay	Aluminium Complex
Drop Point	180°C	220°C	250°C	>250°C	>190°C	250°C
Base oil Viscosity ISO VG	180	22	460	68	650	220
Solid Lubricant	N/A	N/A	MoS2	N/A	Graphite	N/A
EMCOR Corrosion Test	0	0	0	0	0	0
DmN	N/A	>1,000,000	N/A	>500,000	N/A	N/A
4 Ball Weld Load (IP 239)	450kg	N/A	500kg	450kg	>800kg	315kg
Water Washout (ASTM D-1264)	3%	N/A	3%	N/A	<2%	<2%
Operating Temperatures (°C)	-25 to 120	-50 to 130	-20 to 150	-40 to 200	-20 to 120	-15 to 160

Metacut™ – Metal Cutting Lubricants

Metacut™ is a high-performance, multi-purpose cutting fluid designed for a wide variety of machining operations on ferrous and non-ferrous metals. The high mineral oil content and carefully selected lubricity additives provide highly-effective lubrication to the cutting zone, resulting in extended tool life and superior surface finish on machined components.

Metacut™ TAP

Metacut™ TAP is a highly concentrated metal cutting fluid designed to double tool life and improve surface finish when machining hard metals such as stainless steel, titanium and nimonics.

Pack size: 350g, 5L, 25L, 205L



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Process Oil & Corrosion Preventatives



METALUBE®

Cool-Tek™ range

Cool-Tek™ 250, 450

Cool-Tek™ 250 is a high-performance, low-oil, semi-synthetic lubricant designed for the roll-forming and cutting of a range of sections. The light semi-synthetic formulation offers improved system and surface cleanliness. Carefully selected additives provide lubrication resulting in extended roll/tool life and improved surface finish. The high levels of corrosion inhibition give improved protection on finished sections and machinery.



Meta-Shield™ range

Meta-Shield™ rust preventatives are a specially formulated range of products designed for the protection of metallic parts. Meta-Shield™ rust preventatives are based on a unique blend of high-quality corrosion inhibitors, oils and waxes. The Meta-Shield™ product range consists of two types of product. Solvent-based and water-based. The Meta-Shield™ technology deposits a self-healing film which also protects against accidental contact. Meta-Shield™ rust preventatives safeguard the quality of your parts (bundled sections, packaged parts, etc) during storage and transport, ensuring that your customer receives the products you intended.

Meta-Shield™ S600, S610 and S620

Meta-Shield™ solvent-based products offer protection from 6 months (Meta-Shield™ S600) to 24 months (Meta-Shield™ S620), depending on your requirement.



Meta-Shield™ W500, W1000C

Meta-Shield™ water-based products offer protection from 3 months (Meta-Shield™ W500) to 24 months (Meta-Shield™ W1000C), depending on your requirement.

Sol-Tek™ range

Sol-Tek™ AL50, AL120, FE100, FE300 and FE500

Sol-Tek™ evaporative lubricants offer a water-free alternative for your roll-forming and panel pressing lines. Available with different levels of lubricity additive, they are designed to give lubrication for processes such as aluminium fin forming (Sol-Tek™ AL50) through to the forming of steel sections and panels (Sol-Tek™ FE300 and Sol-Tek™ 500). The absence of water reduces the risk of corrosion and the evaporative nature means there is no need for subsequent cleaning or treatment.



Pack sizes

All of the above products are available in 1000L, 205L or 25L containers.

The product information in this publication is based on knowledge and experience at the time of printing. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility. Issue date: 04/09/14

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