

# INDUSTRIAL LUBRICATION

An exploded view diagram of an engine, showing various components like the cylinder head, crankshaft, pistons, and valves arranged in their relative positions.

**MOTUL**

**TECH**

**THE MOTULTECH RANGE  
OF INDUSTRIAL LUBRICATION PRODUCTS**





MotulTech is a division of Motul, a family owned international company manufacturing high performance lubricants since 1853.

MotulTech *develops, blends and sells* performing industrial lubricants for metal working and machinery lubrication. MotulTech is active in many countries in the world through its products and services, as well as its manufacturing sites and R&D laboratories.

# INDUSTRIAL LUBRICATION

As for all pieces of industrial equipment, lubrication plays a key role in optimising performance and minimizing downtime.

Furthermore today's equipment are more sophisticated and environmental regulations are more demanding. That is why MotulTech offers a complete line of complementary lubrication products which have all been thoroughly designed to satisfy all specific needs of modern industry. Each product is the result of a long collaboration with industrial specialists.

We listen to their demands and our experts develop lubricants that helps to improve our customer's industrial equipment in terms of maximised performance, reduced operating costs and increased production efficiency.



# INDUSTRIAL LUBRICATION

## HYDRAULIC OILS

### RUBRIC HL SERIES

Premium hydraulic and circulating oil

### RUBRIC HM SERIES

Premium mineral hydraulic oil

### RUBRIC HV SERIES

High viscosity index mineral hydraulic oil

### RUBRIC LX SERIES

Ashless (zinc-free) high performance hydraulic oil

MotulTech offers a wide range of hydraulic oils for any demand. All our hydraulic fluids for Industrial Equipment Lubrication are based on mineral oils and can be used for various industrial machinery such as machine tools, assembly lines, robots, mills and construction equipment.

- Excellent anti-wear properties
- Excellent oxidation resistance
- Excellent corrosion protection
- Good hydrolysis stability
- Excellent demulsibility
- Excellent thermal stability
- Excellent filterability
- Meets ISO 11158, ISO 6743-4, DIN 51524, NF E 48603 HL



PRODUCT	BASE OIL	VISCOSITY @ 40°C (CST)	VISCOSITY @ 100°C (CST)	VI	POUR POINT °C	FLASHPOINT °C	STANDARD
RUBRIC AW 22	Mineral	22	4.3	100	-33	206	<ul style="list-style-type: none"> <li>• ISO 11158 category HL</li> <li>• ISO 6743-4 category HL</li> <li>• DIN 51524 part 1, HL</li> <li>• NF E 48603 HL</li> </ul>
RUBRIC B 46	Mineral	46	6.8	102	-27	242	
RUBRIC EE 150	Mineral	150	14.8	98	-18	272	
RUBRIC FF 220	Mineral	220	18.8	100	-12	280	
RUBRIC HM 32	Mineral	32	5.4	105	-27	226	<ul style="list-style-type: none"> <li>• DENISON HF-O</li> <li>• ISO 11158 categories HM</li> <li>• ISO 6743-4 categories HM</li> <li>• DIN 51524 part 2, HLP</li> <li>• NF E 48603 HM</li> </ul>
RUBRIC HM 46	Mineral	46	6.9	100	-27	232	
RUBRIC HM 68	Mineral	68	8.6	97	-21	258	
RUBRIC HM 100	Mineral	100	11	100	-21	272	
RUBRIC HV 22	Mineral	22	4.7	140	-45	204	<ul style="list-style-type: none"> <li>• DENISON HF-O</li> <li>• ISO 11158 categories HV</li> <li>• ISO 6743-4 categories HV</li> <li>• DIN 51524 part 3, HVLP</li> <li>• NF E 48603 HV</li> </ul>
RUBRIC HV 32	Mineral	32	6.5	161	-36	204	
RUBRIC HV 46	Mineral	46	8.2	155	-36	224	
RUBRIC HV 68	Mineral	68	10.6	151	-33	234	
RUBRIC LX 32	Mineral	32	5.4	103	-24	216	<ul style="list-style-type: none"> <li>• DENISON HF-O</li> <li>• ISO 11158 categories HM</li> <li>• ISO 6743-4 categories HM</li> <li>• DIN 51524 part 2, HLP</li> <li>• NF E 48603 HM</li> </ul>
RUBRIC LX 46	Mineral	46	6.7	96	-21	230	
RUBRIC LX 68	Mineral	68	8.6	98	-18	255	
RUBRIC LX 100	Mineral	100	11.2	96	-15	267	



## MULTIFUNCTIONAL OILS

### RUBRIC RU SERIES

Multifunctional mineral oils

Premium multifunctional oil with improved wear protection and wide range of application temperature for any type of machine tools.  
MotulTech's multifunctional oils meet various standards for slideways, hydraulics, gears and centralised lubrication systems.

- High demulsibility with water soluble metalworking fluids
- Corrosion protection
- Excellent adhesiveness
- Anti-wear and Extreme-Pressure
- Compatible with plastic coated ways (SKC)
- Low friction coefficient



PRODUCT	BASE OIL	VISCOSITY @ 40°C (CST)	VISCOSITY @ 100°C (CST)	VI	POUR POINT °C	FLASHPOINT °C	STANDARD
RUBRIC RU 32	Mineral	32	5	84	-36	232	<b>Slideway</b> <ul style="list-style-type: none"> <li>• ISO 11158 categories HG</li> <li>• ISO 6743-4 category HG</li> <li>• ISO 6743-13 category G</li> <li>• CINCINNATI MILACRON P-47, P-50, P-53</li> </ul> <b>Hydraulic</b> <ul style="list-style-type: none"> <li>• ISO 11158 categories HM</li> <li>• ISO 6743-4 category HG</li> <li>• ISO 6743-13 category G</li> <li>• DIN 51524 part 2, HLP</li> </ul> <b>Gear</b> <ul style="list-style-type: none"> <li>• DIN 51517 part 3, CLP</li> <li>• AGMA 9005 - E02</li> </ul>
RUBRIC RU 46	Mineral	46	6.5	85	-36	236	

## SLIDEWAY OILS

### SLIDFILM SERIES

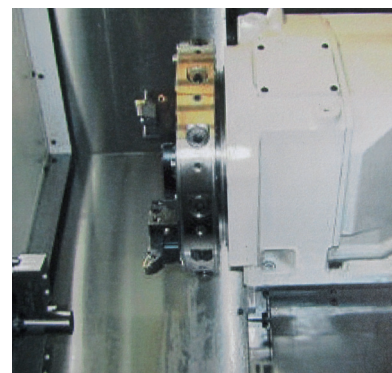
Premium mineral slideway oil

#### SUPRA SLIDE

High Performance mineral slideway oil with excellent demulsion characteristics

Premium quality lubricants specially designed for the lubrication of machine tools slideways. MotulTech's slideway oils have been formulated from high quality mineral oils and performance additives. They work particularly well in combination with MotulTech's soluble and neat oils.

- Perfect compatibility with soluble and neat oils
- Corrosion protection
- Excellent adhesiveness
- Anti-wear and Extreme-Pressure properties
- Low friction coefficient, avoids Stick-Slip
- Very good demulsibility
- High oxidation stability



PRODUCT	BASE OIL	VISCOSITY @ 40°C (CST)	VISCOSITY @ 100°C (CST)	VI	POUR POINT °C	FLASHPOINT °C	STANDARD
SLIDFILM 68	Mineral	68	9	104	-27	238	<b>Slideway</b> <ul style="list-style-type: none"> <li>• ISO 11158 categories HG</li> <li>• ISO 6743-4 category HG</li> <li>• ISO 6743-13 category G</li> <li>• CINCINNATI MILACRON P-47, P-50, P-53</li> </ul> <b>Hydraulic</b> <ul style="list-style-type: none"> <li>• ISO 11158 categories HM</li> <li>• ISO 6743-4 category HG</li> <li>• ISO 6743-13 category G</li> <li>• DIN 51524 part 2, HLP</li> </ul> <b>Gear</b> <ul style="list-style-type: none"> <li>• DIN 51517 part 3, CLP</li> <li>• AGMA 9005 - E02</li> <li>• Cincinnati Lamb P-47 / P-50</li> <li>• SH/T0361-94 • DIN51524-2 HLP</li> <li>• DIN51517-3 CLP</li> </ul>
SLIDFILM 100	Mineral	100	11	95	-24	240	
SLIDFILM 150	Mineral	150	14.6	96	-27	242	
SLIDFILM 220	Mineral	220	18.7	97	-18	240	
SUPRA SLIDE 68	Mineral	70	8.9	100	-15	248	
SUPRA SLIDE 220	Mineral	219	19	96	-12	286	



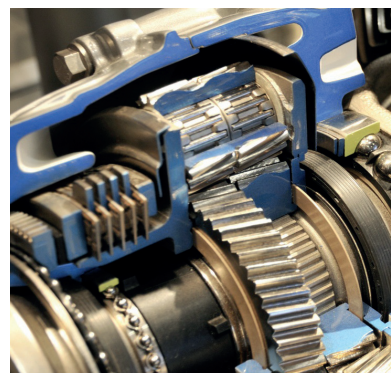
## GEAR OILS

### SUPRAGEAR MPL SERIES

Premium mineral gear oils

Oils specifically made for transmissions, transfer cases and differentials in all types of industrial machinery. Suitable for spur, helical, herringbone, bevel, spiral bevel and worm gears. MotulTech's gear oils are thermally stable in order to protect your gear drive over a long period.

- Very high extreme-pressure and anti-wear properties
- Very high resistance to oxidation
- Non corrosive lubricant for non-ferrous metals, particularly bronze alloy
- Excellent water demulsibility



PRODUCT	BASE OIL	VISCOSITY @ 40°C (CST)	VISCOSITY @ 100°C (CST)	VI	POUR POINT °C	FLASHPOINT °C	STANDARD
SUPRACO MPL 100	Mineral	104	11.9	103	-24	242	<ul style="list-style-type: none"> <li>• US STEEL 224</li> <li>• AGMA 250.04, 9005-E02</li> <li>• ISO 6743-6, CKC</li> <li>• ISO TR 3498, CKC</li> <li>• DIN 51517 part.3, CLP</li> <li>• DAVID BROWN ET 33/80</li> </ul>
SUPRACO MPL 150	Mineral	160	15.6	99	-21	242	
SUPRACO MPL 220	Mineral	232	21	107	-18	238	
SUPRACO MPL 320	Mineral	346	26.4	101	-15	236	
SUPRACO MPL 460	Mineral	475	31.9	99	-12	234	
SUPRACO MPL 680	Mineral	641	35.2	87	-9	234	

## COMPRESSOR OILS

### ALTERNA SERIES

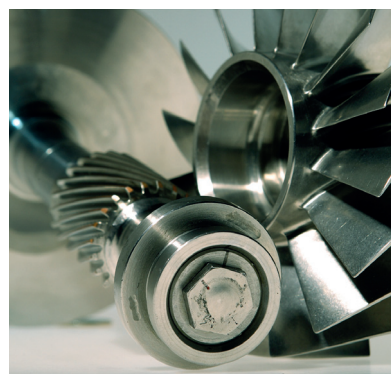
Premium oils for reciprocating compressors

### VIS SERIES

Ash-free lubricants for rotary compressors

MotulTech's compressor lubricants are special oils to lubricate both the working parts and the pressurized spaces in a compressor. They were specifically formulated to provide excellent performance of any type of air compressor.

- Excellent oxidation resistance and thermal stability at high temperatures
- Reduces the formation of varnish and deposits
- Excellent anti-wear performances
- Protection against rust and corrosion



PRODUCT	BASE OIL	VISCOSITY @ 40°C (CST)	VISCOSITY @ 100°C (CST)	VI	POUR POINT °C	FLASHPOINT °C	STANDARD
VIS 32	Mineral	32	5.1	92	-27	204	<ul style="list-style-type: none"> <li>• DIN 51506 - VDL</li> <li>• PNEUROP test: DIN 51 352-2</li> <li>• ISO 6743-3: DAH</li> </ul>
VIS 46	Mineral	46	7	102	-24	240	
ALTERNA 68	Mineral	68					
ALTERNA 100	Mineral	100	11.3	94	-15	262	
ALTERNA 150	Mineral	150	14.4	93	-15	268	



## GREASES

### IRIX LSM SERIES

Extreme Pressure grease

MotulTech offers a wide range of greases for any demand. Greases in this brochure are based on mineral oils and formulated for universal industrial applications such as bearings, slideways, sliding blocks and lubrication of various machine movements.

- Excellent anti-wear properties
- Very good adhesion capacity
- Good corrosion resistance
- Very good water resistance
- Good mechanical stability



PRODUCT	BASE OIL	VISCOSITY @ 40°C (CST)	THICKENER	NLGI GRADE	TEMPERATURE RANGE °C	DROP POINT °C	4-BALL WEAR KG	COLOUR
IRIX LSM 1500	Mineral	52	Lithium	00	-20 to 130	170	285	amber
IRIX LSM 150	Mineral	65	Lithium	0	-20 to 130	170	285	amber
IRIX LSM 151	Mineral	130	Lithium	1	-20 to 140	180	285	amber
IRIX LSM 152	Mineral	130	Lithium	2	-20 to 140	190	285	amber
IRIX LSM 153	Mineral	130	Lithium	3	-20 to 140	190	285	amber
IRIX LSM 132 MO	Mineral	130	Lithium	2	-20 to 140	190	350	black

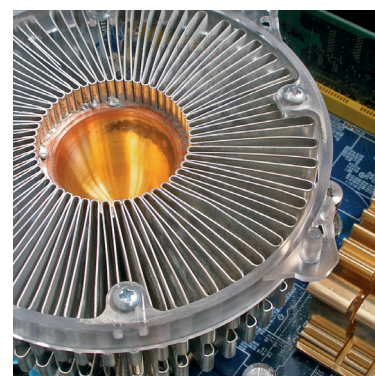
## HEAT TRANSFER OILS

### SUPRACAL SERIES

Special high-quality heat transfer oils

MotulTech's heat transfer fluids are based on highly refined paraffinic mineral oils and blended with well selected additives for excellent performance in fluid heat transfer systems operating at temperatures up to 280°C.

- Perfect stability at high temperatures
- High resistance to oxidation
- Excellent anti-rust, anti-corrosion and anti-foam properties
- Low viscosity for excellent thermodynamic characteristics
- Very low vapour pressure
- Non-toxic



PRODUCT	BASE OIL	VISCOSITY @ 40°C (CST)	VISCOSITY @ 100°C (CST)	VI	POUR POINT °C	FLASHPOINT °C	STANDARD
SUPRACAL 22	Mineral	22	4	81	-27	214	
SUPRACAL 32	Mineral	32	5.5	107	-33	224	
SUPRACAL 105	Mineral	105	11.5	100	-17	270	



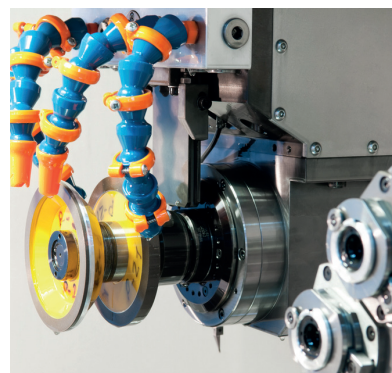
## SPINDLE OILS

### SPEED SERIES

Premium mineral spindle oil

High quality oils specifically made for high-speed spindle bearings in all types of industrial machinery. Suitable for the lubrication of high-speed spindles bearings, air line oilers but also hydraulic systems requiring low-viscosity lubricants in grinders and other machine tools.

- Exceptional anti-wear performance
- Excellent rust and corrosion protection
- Reduced sludge, varnish and deposit formation
- Enhanced thermal and oxidative stability



PRODUCT	BASE OIL	VISCOSITY @ 40°C (CST)	VISCOSITY @ 100°C (CST)	VI	POUR POINT °C	FLASHPOINT °C	STANDARD
SPEED AA 2	Mineral	2.1	1	148	-54	108	<ul style="list-style-type: none"> <li>• ISO TR 3498: L-FD and L-HM</li> <li>• ISO 6743-2: L-FD</li> </ul>
SPEED A 10	Mineral	10	2.8	105	-27	164	

Haven't found what you were looking for because your application requires an extremely highly developed lubricant or even a tailor made solution?

You have specific demands in terms of biodegradability or food contact?

You need a lubricant that withstands extreme pressure, forces, temperatures or any other aggressive environment?

For all these requirements you will find an answer in MotulTech's **High Performance Lubrication catalogue**.

It takes much more than just selling high quality oils to gain customer satisfaction; we see ourselves as a full service supplier hence we also offer accompanying measures in order to assure that the best possible lubricants are perfectly chosen, applied and maintained.

Our service includes:

- Consulting and product recommendations
- Product validation for specific applications
- Product implementation
- In-service support

A full catalogue with all services offered by MotulTech is available from your regional sales representative.

**MOTUL** **TECH**



# THE MOTULTECH OFFER

**MotulTech is a global player in Industrial Lubricants. It brings to its customers high end products, skills and services.**  
MotulTech offers performance and quality through very complementary product ranges.

APPLICATION	PRODUCT RANGE / PRODUCT		
HYDRAULIC FLUIDS	RUBRIC	RUBRIC CLEAN	RUBRIC BIO
SPINDLE OIL	SPEED		
SLIDEWAY OIL	SLID FILM	SUPRASLIDE	
GEAR DRIVE LUBRICANTS	SUPRACO MPL	SUPRAGEAR SY	SUPRAGEAR GL
COMPRESSOR OILS	ALTERNA	VIS	BAR
CHAIN AND CONVEYOR LUBRICANTS	CIMLUBE HE CL		
HIGH PERFORMANCE GREASES	IRIX HP	CIMLUBE	TECH GREASE
CUTTING/ SUPERFINISHING NEAT OILS	SUPRACO	PROFILINE	SUPRACUT & SUPRACUT HC
NEAT FORMING/ COLD FORGING OILS	CADREX	CENTER OIL	UNIVERSELLE
HEAT TREATMENT OIL	THERMIC		
SOLUBLE CUTTING FLUIDS	STABILIS (EMULSION)	SAFKOOL (SEMI-SYNTHETIC)	BIOCOOL (SYNTHETIC)
CLEANING & PROTECTION	MT PROTECT	SAFCO KLEEN	

<b>PEOPLE</b>	Everywhere in the world, MotulTech professional teams of lubrication are servicing industrial customers.
<b>SERVICE</b>	Advices, product monitoring, technical assistance for MotulTech customers.
<b>R&amp;D</b>	Innovation drives MotulTech. With laboratories in the main industrial areas of the world, MotulTech finds new solutions for tomorrow's industry.
<b>LOGISTIC</b>	As an industrial supplier, MotulTech has to offer a perfect logistic to its customers. This is our commitment.
<b>QUALITY</b>	The MotulTech commitment for quality is certified by ISO 9001 and ISO TS16949. It allows MotulTech to guarantee Premium quality products all over the world.

# MOTUL

119, boulevard Félix Faure  
93300 Aubervilliers  
Tél.: +33.1.48.11.70.30  
Fax.: +33.1.48.11.70.38  
[www.motul.com](http://www.motul.com)

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