



MetalFlow®

Industrial Lubricants



Safety Hydraulic Fluids

The Safety Hydrulic Fluids ...



WATER BASED

HYDROFLOW HFC 46-50

Flame retardant hydraulic fluid with anti-wear properties for any application.

ISO VG
Viscosity

32-68

Viscosity
Index

> 200

Extreme
Pressure

● ● ●

Freezing
Point
N°C

<-40

HYDROFLOW HFC 346

HYDROFLOW HFC 46 B D

● ● ●

●



OIL BASED

HYDROFLOW HFDU 46-68

Self-extinguishing synthetic hydraulic oil with anti-wear properties for any application.

32-68

> 180

-21

HYDROFLOW HFDU 46-68 S

●

●



Hydraulic Fluids



The HYDROFLOW product family is comprised of highly refined oils and water based solutions, formulated to optimize the power transmission required in different applications and sectors: automotive, metallurgical, aerospace, agricultural and industrial machinery, among others. Moving parts are permanently lubricated to ensure the hydraulic system's perfect performance under any work conditions.

Highlights:

- Very low foam formation.
- High viscosity indexes.
- Friction and wear reduction.
- Shear and fire resistance.
- Prevent microorganism and sludge proliferation inside the circuits.



OIL BASED

HYDROFLOW HM

Description	ISO VG Viscosity	Viscosity Index	Extreme Pressure	Freezing Point N°C
Highly refined mineral hydraulic oil for general applications (machine tools, valves, robotics, etc.). (DIN 51524-2).	22-100	> 95	● ● ●	-15
Highly refined mineral hydraulic oil with anti-ageing and anti-corrosion properties for high-performance systems (presses, construction and agricultural machinery, etc.). (DIN 51524-2). Free of zinc available.	22-100	> 110	●	-15
Highly refined mineral hydraulic oil with high viscosity index, with anti-ageing properties and anti-corrosion protection, for high performance systems (presses, construction and agricultural machinery, etc.). (DIN 51524-3). Free of zinc available.	22-100	> 150	●	-34
Highly refined mineral hydraulic oil with detergent, anti-ageing and anti-corrosion properties for high-performance systems (presses, construction and agricultural machinery, etc.). (DIN 51524-2). Free of zinc available.	22-100	> 110	●	-12

Gear Oils

GEARFLOW products contain high-performance additives intended to reduce friction and dissipate heat in order to prevent premature system wear, corrosion and the appearance of scratches and chips, among other problems.

Our formulations allow working in extreme conditions ensuring the necessary thermostability at all times, even with fast rotation speed and high loads.

	Descripción	ISO VG Viscosity	Viscosity Index	Extreme Pressure	Freezing Point N°C
GEARFLOW S	Synthetic oil for gears, gearboxes, automotive and industrial equipment differentials.	150-680	> 130	●	-18
GEARFLOW M	Mineral oil for industrial gear units. Gears with high load, temperature, and speed performance.	100-320	> 90	●	-10

Slideway Oils



The SLIDEFLOW family consists of products formulated with highly refined oils, friction modifiers and highly advanced extreme pressure additives. The demulsifier power facilitates coolant separation, preventing microorganism growth.

SLIDEFLOW products ensure perfect lubrication, preventing the stick-slip effect and protecting against rust. Its excellent adherence provides a high water-proof resistance as well as optimal stability when used on vertical slideways.

	Description	ISO VG Viscosity	Viscosity Index	Extreme Pressure	Freezing Point N°C
SLIDEFLOW	Sliding and slipping slideways mineral oil. Antirust and anti-wear capacity and low friction coefficient.	32-220	> 95	●	-10

Chain Oils

The CHAINFLOW product family is comprised of high-quality synthetic oils and anticorrosion and anti-wear additives. They are specially designed to offer high performance under severe temperature, pressure and speed conditions thanks to its stickiness and high flash point.

	Descripción	ISO VG Viscosity	Viscosity Index	Extreme Pressure	Freezing Point N°C
CHAINFLOW	Synthetic oil with anti-wear properties for transport and drag chains of any equipment. Extreme conditions.	100-320	> 80	●	-20

Thermic Oils

The THERMICFLOW product family ensures fast and excellent heat transference and high antirust protection to the machinery in a wide range of temperatures. It also guarantees the oils' long-life cycle, requiring less replacement and reducing maintenance costs.

	Description	Base	ISO VG Viscosity	Viscosity Index	Working Temperature °C
THERMICFLOW	Heat transfer oil for any requirement and industry (chemical, metallurgical, textile, paper, wood, construction, etc.)	Aceite Mineral	30-60	> 95	100-350
		Aceite Sintético	20	70	100-350

Other Oils

We provide a wide range of technical spindle oils, air compressor oils, as well as oils and greases for general lubrication, suitable for different applications and sectors.

	Description	Base	ISO VG Viscosity	Viscosity Index	Extreme Pressure
DYNAFLOW	General lubrication for industrial machines and power transmission.	Mineral Oil	68-220	> 90	●
		Grease	n/a	n/a	●
LUBROFLOW	High-speed oil (6.000 – 50.000 rpm) for machine tools: spindles, sliding bearings of rolling elements and automatic clutches	Mineral Oil	2-22	n/a	



Boundary Lubrication Additives

The MPD additive product family is comprised of colloidal dispersions of solid lubricants formulated to achieve a high stability of its dispersed particles.

Additionally, MPD additives optimize the products' performance where they are incorporated and reduce premature wear by avoiding friction between metallic parts through boundary lubrication technology.

Highlights:

- Suitable for multiple types of lubricant and any type of process and severity.
- Adaptable to each client's needs.
- High product stability during storage.
- High lubrication and care for metallic parts.
- Meets different environmental and occupational safety standards.
- Free of all toxic compounds, aromatics, chlorides, PBC, and ashes.

	Description	Solid Lubricant	Oil Based	Water Based	Solvent Based	Particle Size μm	% Solids
MPD BN	Engine, gear and slideway oils. General lubrication, anti-welding.	Boron nitride	●	●	●	<1	1-30
MPD GR	Engine, gear and slideway oils. General lubrication oils.	Graphite	●	●	●	<3	1-50
MPD MOS	Engine and slideway oils. General lubrication oils.	Molybdenum Sulfide	●	●		<4	1-20
MPD PTFE	Gear and slideway oils. General lubrication.	Teflon	●			<1	1-20
MPD BP	Gear and slideway oils. General lubrication.	Boron nitride + Teflon	●			<1	1-30

SPAIN - Barcelona

MEXICO - Querétaro

BRAZIL - São Paulo

INDIA - Pune

CHINA - Hefei



METALWORKING FLUIDS

- Coolants
 - Cutting Oils
 - Forming Lubricants
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DIE CASTING LUBRICANTS

- Die Casting Release Agents
 - Gravity and Low Pressure Release Agents
 - Plunger Lubricants
 - Industrial & Technical Auxiliary Lubricants
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FORGING LUBRICANTS

- Graphite Based Release Agents
 - Graphite Free Release Agents
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INDUSTRIAL LUBRICANTS

- Hydraulic Fluids
 - Gear Oils
 - Slideway & Chain Oils
 - Thermic Oils
 - Boundry lubrication additives
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SURFACE TREATMENTS

- Cleaners
 - Surface Protectors
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EQUIPMENT

- Dosing & Application Equipment
 - Monitoring Equipment
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