

GOLDENSTONE® MHL

Technical Data Sheet (TDS)

Hydraulic oils

Description and Application

GOLDENSTONE® MHL hydraulic oils are formulated from highly refined mineral base stocks blended with a highly efficient additive system including oxidation, rust and corrosion inhibitors. **GOLDENSTONE® MHL** hydraulic oils are developed for use as working media in hydrostatic lubrication systems and moving parts in circulating systems for lubrication of friction parts & mechanisms.

GOLDENSTONE® MHL oils are suitable for application in hydraulic systems equipped with hydraulic vane pumps, hydraulic gear pumps and hydraulic piston units.

Benefits

- High oxidation stability
- Possess good demulsibility
- Ensures reliable R&O protection

Specifications

ISO 6743/4	ISO-L-HL
ISO 3448	VG 32, 46, 68
ISO 11158	HL
DIN 51524	Part 1

Typical Characteristics

Parameter	Test Method	Typical value		
		VG 32	VG 46	VG 68
Density at 20°C, g/ml	EN ISO 3675	0.868	0.875	0.879
Kinematic viscosity at 40°C, mm ² /s	EN ISO 3104	32	46	68
Viscosity index	EN ISO 3104	100	100	95
Flash point, COC, °C	ISO 2909	190	200	210
Pour point, °C	EN ISO 2592	-30	-24	-21
Rust preventive properties in the present of distilled water	ISO 7120	pass		
Copper strip corrosion, 3 h, 100°C	ISO 2160	1		
Water separability - time to reach 3 ml emulsion, min	ISO 6614	10	15	15
Oxidation stability - after 1000 hours TAN increase, mg KOH/g, max	ASTM D 4310	<1.0		

Important note: Typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

Health, Safety and Handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application.

For more information about product MSDS, terms and conditions for storage and shelf life please visit:

www.goldenstoneoils.com

Packages

210L, Bulk