

Hydraulic oils ISO L-HM

HIDO[®] C

HIDO[®] C oils are manufactured from solvent neutral base oils and additives.

ADVANTAGES

- High oxidation stability, thus formation of sludge and corrosive acids is prevented at elevated temperatures and at system high pressures;
- Increased content of zinc dithiophosphate compared to conventional hydraulic oils, thus safe lubrication is enabled with reduced friction and wear of system components and prolonged change interval;
- Efficient anticorrosion properties of non-ferrous metals (copper, brass and bronze);
- Good antirust protection even in the presence of moisture;
- Extraordinary antifoaming characteristics, thus forming of bubbles is prevented by reducing surface tension for the purpose of quick release of air from the oil into atmosphere;
- Extraordinary emulsive characteristics, thus fine dispersion of small quantities of moisture in oil is provided, therefore water will not damage hydraulic system components.

QUALITY LEVEL

ISO 6743-4

DIN 51524/2 HLPD

ISO 11 158 HM

Vickers 35VQ25

APPLICATION

HIDO[®] C are HLP-D oils specially formulated for Caterpillar hydraulic and hydrostatic systems. These oils are also recommended for hydraulic systems of other manufacturers, requiring hydraulic oils that meet requirements of test Vickers 35VQ25.

TYPICAL CHARACTERISTICS

	HIDO [®] C		METHOD
	10W	30	
SAE viscosity grade	10W	30	SAE J300
Density at 15°C, g/ ml	0,880	0,893	SRPS EN ISO 3675
Kinematic viscosity at 40°C, mm ² /s	38	95	SRPS ISO 3104
Kinematic viscosity at 100°C, mm ² /s	6.1	11,0	SRPS ISO 3104
Viscosity index	105	100	SRPS ISO 2909
Flash point, °C	200	225	SRPS EN ISO 2592
Pour point, °C	-27	-24	SRPS ISO 3016
Vickers Vane Pump test	pass	pass	35VQ25
Foaming, mL/mL			SRPS ISO 6247
Sequence I	25/0	25/0	
Sequence II	50/0	50/0	
Sequence III	25/0	25/0	
Cu corrosion, 3h/150°C, degree	1	1	SRPS EN ISO 2160
Zinc content, %	0.11-0.12	0.11-0.12	ASTM D 2622
Phosphorus content, %	0.125	0.125	ASTM D 2622



STORAGE

Store in covered area. If stored outdoors, it is necessary to place the drums in a horizontal position to prevent the accumulation of water on the surface of the drum. Do not store at elevated temperatures or in locations exposed to direct sunlight.

All necessary instructions can be found in the product SDS. It contains the details of possible hazards, warnings and first aid measures, as well as the impact on the environment and the necessary measures for the storage and handling.

PACKING

Bačve 180kg plastic containers of 20L.

Data are orientational, manufacturer reserves the right to make changes in order to improve product quality.



December, 2016

FABRIKA MAZIVA FAM • Jug Bogdanova 42 • 37000 Kruševac • Serbia

Tel. ++381 37 422078; 423261 • Fax. ++ 381 37 426241; 424008

www.fam.rs