

Technical Data Sheet (TDS)

HYDRAULIC OILS - HLPD



Ashless hydraulic oil. It is made from high pure base oils with complex additive.



-32 °C...

+45 °C

Application area

Intended for hydraulic systems of various industrial equipment (machine, press, etc.), mobile hydraulic systems, operated in different conditions and require oils, without metal impurities, particularly zinc and calcium

Properties

- High thermal and hydrolytic stability, filterability;
- Reduces the wear of system components due to highly-efficient anti-wear additives;
- Reduces the risk of pumps cavitation damage due to excellent air release and anti-foam properties;
- Free of metal impurities, particularly zinc and calcium

Characteristic	HLPD -32	HLPD -46	HLPD-68
Compliance to international standards	ISO 32 ISO 6743-4 (HM) DIN 51524-2 (HLPD)	ISO 46 ISO 6743-4 (HM) DIN 51524-2 (HLPD)	ISO 68 ISO 6743-4 (HM) DIN 51524-2 (HLPD)
Temperature range	-32 +45 °C		
Kinematic viscosity at 40°C, mm ² /s	28-32	41-50	61-74.8
Density at 20°C, kg/m ³	880	885	890
Viscosity index	90	90	90
Flash point in open crucible, °C	190	200	200
Pour point	-35	-25	-25
Acid index mg KOH/g	0.2	0.2	0.2

Enable packing