



Hydraulic Oil HP 46

Mineral hydraulic fluid

Product Code: 78760

Hydraulic Oil HP 46 is an universal mineral high grade AW oil for use in heavy duty hydraulic systems and light duty gearboxes, bearings and general lubrication. This product is not suitable for turbine applications.

Hydraulic Oil HP 46 is formulated with high quality re-refined mineral base stocks in combination with a special AW-additive technology to achieve the following performance:

- Excellent stability against oxidation.
- Very good protection against wear.
- Good water demulsibility.
- Very good foaming properties.
- Very effective to rust and corrosion.

Hydraulic Oil HP 46 meets the following performance criteria:

DIN 51524-2 HLP ISO 11158 HM ASTM D6158 HM AFNOR NF E 48-603 HM

Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Grade		ISO 3448	46
Density @15°C	kg/m ³	ASTM D4052	871.3
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	45.8
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	7.0
Viscosity Index		ASTM D2270	110
Flash Point COC	°C	ASTM D92	>185
Pour Point	°C	ASTM D7346	-30
Air Release Value @50°C	Minutes	ASTM D3427	Pass
Demulsibility @54°C	Minutes	ASTM D1401	Pass

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