



HYDRAULIC OIL BC 46

Product Description:

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

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

HYDRAULIC OIL BC 46 exceeds the following performance criteria.:

AFNOR NF E 48-603
DIN 51524/2 HLP

ISO 11158 HM
ISO 6743-4 HM



Property	Unit	Test Method	Typical Value
ISO Grade		ISO 3448	46
Colour		ASTM D1500	3.5
Density@15°C	kg/m ³	ASTM D4052	867
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	45.1
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	7.1
Viscosity Index		ASTM D2270	116
Flash Point COC	°C	ASTM D92	>180
Pour Point	°C	ASTM D7346	-33
Demulsibility @54°C	min	ASTM D1401	15
FZA A/8.3/90, Load Stage Fail		DIN 51354-2	>10

Product Nr: 45100
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