



Product Data Sheet

HYDRAULIC OIL 46 BC

Product Description:

HYDRAULIC OIL 46 BC is an universal mineral high grade EP oil for use in heavy duty hydraulic systems and light duty gearboxes, bearings and general lubrication. Not suitable for turbine application.

HYDRAULIC OIL 46 BC is formulated with high quality refined mineral base stocks in combination with a special EP-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 46 BC exceeds the following performance criteria.:

AFNOR NFE 48-603

ISO 11158HM

DIN 51524/2 HLP

Property	Unit	Test Method	Typical Value
ISO Grade		ISO 3448	46
Density@15°C	kg/m ³	ASTM D4052	877
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	46
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	8.0
Viscosity Index		ASTM D2270	99
Flash Point COC	°C	ASTM D92	>180
Pour Point	°C	ASTM D97	-27
Water Separability @54°C	min	DIN 51381	Pass
Air Release Value @50°C	min	DIN 51381	Pass
Foam, Seq. I, II and III		ASTM D892	Pass
FZA A/8.3/90, Load Stage Fail		DIN 51354-2	>12

Product Nr: 4510

Date Issued: 01-07-2015

Date Superseded:

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