



**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 <sup>3</sup>	ASTM D4052	877
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	46
Kin. Viscosity @100°C	mm <sup>2</sup> /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Date Superseded:

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