



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.:

DIN 51524-2 HLP
AFNOR NF E 48-603 HM

ISO 11158 HM

ASTM D6158 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	72
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	45.6
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	7.0
Viscosity Index		ASTM D2270	107
Flash Point COC	°C	ASTM D92	>185
Pour Point	°C	ASTM D7346	-27
Air Release Value @50°C	Minutes	ASTM D3427	Pass
Demulsibility @54°C	Minutes	ASTM D1401	Pass

Product Nr: 45100
Date Superseded: 10-03-2022

Date Issued: 31-10-2022
Revision nr: 05