

## 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/m³	ASTM D4052	871.3
Kin. Viscosity @40°C	mm²/s	ASTM D7042	45.8
Kin. Viscosity @100°C	mm²/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

**Product Nr:** 45100 **Date Issued:** 3-1-2025

Date Superseded: 31-10-2022 Revision nr: 06

