

HYDRA POWER BC PLUS 46

HVI Mineral hydraulic fluid

HYDRA POWER BC PLUS 46 is an universal HVI mineral grade oil for use in heavy duty hydraulic systems and light duty gearboxes, bearings and general lubrication. This product is not suitable for turbine applications.

HYDRA POWER BC PLUS 46 is formulated with high quality re-refined mineral base stocks in combination with a special additive- and silicone antifoam technology to achieve the following performance:

- Excellent stability against oxidation.
- High Viscosity Index.
- Very good protection against wear.
- Good water demulsibility.
- Very good anti-foaming properties.
- Very effective protection against rust and corrosion.
- Very good thermal stability.

HYDRA POWER BC PLUS 46 meets the following performance criteria:

DIN 51524-2 HVLP ISO 11158 HV ASTM D6158 HV AFNOR NF E 48-603 HV

Typical Analysis

Properties	Unit	Method	Typical Value
Colour		ASTM D1500	1.5
ISO VG Grade		ISO 3448	46
Density @15°C	kg/m ³	ASTM D4052	871.5
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	46.6
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	8.6
Viscosity Index		ASTM D2270	164
Flash Point COC	°C	ASTM D92	>185
Pour Point	°C	ASTM D7346	-48
Air Release Value @50°C	Minutes	ASTM D3427	Pass
Demulsibility @54°C	Minutes	ASTM D1401	Pass
Date Issued: 15-5-2025		Supersedes: 21-03-2022	Revision Nr.: 05

