



TECHNICAL DATA

GB UNIPOWER® DV 46

APPLICATIONS

GB UNIPOWER® DV 46 is a dispersant/detergent HVLPD type hydraulic fluid formulated using the highest quality virgin mineral base oils and advanced ashless anti-wear technology. Specifically designed for industrial and off-highway hydraulic systems subjected to extreme operating conditions with high levels of contamination and wide fluctuations of operating temperature.

PERFORMANCE FEATURES

GB UNIPOWER® DV 46 has been formulated for use in both industrial and off-highway hydraulic systems where extreme operating conditions are encountered, and offers the following features:

- Excellent anti-wear and EP performance
- Dispersant/detergent additive system ensures clean performance
- Corrosion protection, even in presence of water
- Excellent oxidation and thermal stability
- High viscosity index, good viscosity-temperature characteristics
- Low Foaming
- Zinc-free technology

PERFORMANCE DETAILS

GB UNIPOWER® DV 46 meets DIN 51524 Part 3 [except water separation]

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GB LUBRICANTS

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CHARACTERISTICS

TEST	UNIT	METHOD	TYPICAL PHYSICAL CHARACTERISTICS
ISO	-	-	46
Appearance	-	-	Clear Pale Yellow fluid
Density @ 15°C	kg/m ³	ASTM D4052	872
Kinematic Viscosity @ 40°C	cSt	ASTM D445	47.8
Kinematic Viscosity @ 100°C	cSt	ASTM D445	8.4
Viscosity Index	-	ASTM D2270	153
Pour Point	°C	ASTM D97	-39
PMCC Flash Point	°C	ASTM D93	200

STORAGE AND HANDLING

GB UNIPOWER® DV 46 should be stored under cover to avoid water collecting in the rim of upturned barrels.

Further information on GB UNIPOWER® DV 46 can be obtained by referring to the corresponding Safety Data Sheet.

The Company policy is to ensure that a range of products is supplied which complies with the latest specifications and codes within the relevant industry. As part of this development process, we therefore reserve the right to amend formulations without prior notice.