

## HYDRA POWER BIO HFDU 46

### Biodegradable hydraulic fluid

**HYDRA POWER BIO HFDU 46** is a premium quality biodegradable hydraulic oil for heavy duty hydraulic systems for use in applications exposed to fire hazards and/or there is risk of contamination of the environment.

**HYDRA POWER BIO HFDU 46** is formulated from organic esters together with a special additive package.

- Very good fire-resistance
- High and stable viscosity index.
- Excellent wear-preventing properties.
- High good activity against corrosion.
- Excellent stability against oxidation,
- Good deaerating and foam suppressing properties
- Good compatibility with seals and gaskets made from synthetic material
- Rapid water separation
- Reduced harm for water and soil during use

**HYDRA POWER BIO HFDU 46** exceeds the following performance criteria:

ISO-L-HFDU

OECD 301B - Sturm test: >70% bio degradability

### Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Grade		ISO 3448	46
Density @15 °C	kg/m <sup>3</sup>	ASTM D4052	921
Kin. Viscosity @40 °C	mm <sup>2</sup> /s	ASTM D7042	46
Kin. Viscosity @100 °C	mm <sup>2</sup> /s	ASTM D7042	9.4
Viscosity Index		ASTM D2270	185
Flash Point COC, min	°C	ASTM D92	305
Fire Point	°C	ASTM D92	370
Pour Point	°C	ASTM D97	-36
FZG A/8,3 90 °C		DIN 51354-2	>12

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Supersedes:

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