

HYDRA POWER BIO-SYNTH 46

Biodegradable hydraulic fluid

HYDRA POWER BIO-SYNTH 46 is a premium quality biodegradable hydraulic oil for heavy duty hydraulic systems of earthmoving equipment and permanent installations working under severe conditions like high pressures over a wide range of temperatures where pollution of the environment is expected.

HYDRA POWER BIO-SYNTH 46 is developed from easily biologically degradable synthetic ester base oils together with an environmentally friendly additive package.

- 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
- Low pour point
- Good water separation
- Reduced harm for water and soil during use

HYDRA POWER BIO-SYNTH 46 meets the following performance criteria:

ISO 15380 HEES CEC L33-T82 >90% in three weeks Swedish Standard (SS) 155434

Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Grade		ISO 3448	46
Density @15 °C	kg/m ³	ASTM D4052	915
Kin. Viscosity @40 °C	mm ² /s	ASTM D7042	46
Kin. Viscosity @100 °C	mm ² /s	ASTM D7042	9.3
Viscosity Index		ASTM D2270	180
Flash Point COC, min	°C	ASTM D92	265
Pour Point	°C	ASTM D7346	-39
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