



BIO SYNTH HYDRAULIC OIL 46

Product Description:

BIO-SYNTH HYDRAULIC OIL 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.

BIO-SYNTH HYDRAULIC OIL 46 is developed from easily biologically degradable synthetic ester base oils together with an environmentally friendly additive package to ensure the following properties:

- 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.

BIO-SYNTH HYDRAULIC OIL 46 exceeds the following performance criteria:

ISO 15380 HEES

CEC L33-T82 >90% in three weeks

Swedish Standard (SS) 155434



Property	Unit	Test Method	Typical Value
ISO Grade		ISO 3448	46
Density@15°C	kg/m ³	ASTM D4052	920
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	46
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	9.8
Viscosity Index		ASTM D2270	190
Flash Point COC	°C	ASTM D92	>300
Pour Point	°C	ASTM D7346	-33

Product Nr: 43610

Date Superseded: 21-06-2021

Date Issued: 02-11-2022

Revision nr: 05