Product Code: 6342

NORDIC BIO HYDRAULIC OIL 46

High quality hydraulic oil

NORDIC BIO HYDRAULIC OIL 46 is a biodegradable hydraulic oil is of high quality and suitable for heavy duty hydraulic systems of earthmoving equipment and permanent installations, that have to work under high pressures over a wide temperature range. This hydraulic oil is especially developed for situations where pollution of the environment is expected and where very high operating temperatures can be realized.

NORDIC BIO HYDRAULIC OIL 46 is a high-quality hydraulic oil based on biodegradable synthetic esters under addition of additives to obtain the following properties:

- a high and stable viscosity index
- excellent wear-preventing properties
- a very good activity against corrosion
- an excellent stability against oxidation (even at high temperatures)
- very good deaerating and foam suppressing properties
- a good compatibility with seals and gaskets made from synthetic material
- a very low pour point
- good water separation
- reduced harm for water and soil during use
- contains a large fraction of biobased material

NORDIC BIO HYDRAULIC OIL 46 exceeds the following performance criteria:

Elastomer compatibility:

Biodegradability according OECD 301 B > 70 Tested Nitrile Butadiene NBR1-pass

ISO 15380 HEES Tested Fluor Carbon

FMK2-pass Swedish Standard SS 15 54 34

Typical Analysis

Properties	Unit	Method	Typical Value
Density at 15	°C, kg/l		0,906
Viscosity 40 °C, mm^2/s	°C, mm^2/s		48,00
Viscosity 100 °C, mm^2/s	°C, mm^2/s		9,50
Viscosity Index			185
Flash Point COC, °C	°C		246
Pour Point, °C			-54
Biodegradability, 28 days	OECD 301 B	%	77

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