

NORDIC BIO HYDRAULIC OIL 46 High quality hydraulic oil

NORDIC BIO HYDRAULIC OIL 46 This 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 This 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:

Ecolabel

Biodegradability according OECD 301 B > 70%
ISO 15380 HEES

Elastomer compatibility:

Tested Nitrile Butadiene NBR1-pass
Tested Fluor Carbon FMK2-pass
Swedish Standard SS 15 54 34

Typical Analysis

Properties	Unit	Method	Typical Value
Density at 15	°C, kg/l		0,919
Viscosity 40 °C, mm ² /s	°C, mm ² /s		47,00
Viscosity 100 °C, mm ² /s	°C, mm ² /s		9,35
Viscosity Index			192
Flash Point COC, °C	°C		292
Pour Point, °C			-48
Acid number, mgKOH/g	mgKOH/g		1,31

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