SYNMAR NUMA 46 BIO SE | S400161
V24-0409

Description

The Synmar Numa 46 BIO SE is an environmentally friendly hydraulic oil based on high-quality biodegradable synthetic esters and additives. Specially developed for use in sensitive areas where the impact on the environment must be limited and where a high biodegradability (>70% in 28 days) is desired. Perfect for applications in rough hydraulic systems in environmental sensitive area's and all temperatures like agriculture, forestry, water works, marine and construction.

The Synmar Numa 46 BIO SE comes woth the follwoing properties:
- a high and stable viscosity index
- excellent wear-preventing properties
- a very good activity against corrosion
- a very good 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

Application

The Synmar Numa 46 BIO SE 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 and where very high operating temperatures can be realised.

Performance Level

ISO 15380 HEES
Biodegradability according OECD 301 B >70%

Typicals

Color	Amber
Viscosity 40 °C, mm²/s	47
Viscosity 100 °C, mm²/s	9.35
Viscosity Index	192
Flash Point COC, °C	292
Pour Point, °C	-33
Acid number, mgKOH/g	1.31