

XENOL BIO HYDRAULIC OIL

Product Description

XENOL BIO HYDRAULIC OIL 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.

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

Benefits

- 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

TYPICAL VALUES

ISO 15380 HEES Tested Fluor Carbon FMK2-pass, Swedish Standard SS 15 54 34

Biodegradability according OECD 301 B > 60

TEST	BR	TEST METHOD	46	68
K. Viscosity, @ 40°C	cSt	ASTM D 445	41,4-50,6	61,2-74,8
Viscosity Index	-	ASTM D 2270	180	185
Flashing Point	°C	ASTM D 92	265	268
Pour point	°C	ASTM D 97	-48	-44
Water Separability, 40/37/3 - minutes	°C	ASTM D 1401	25	30
Biodegradability	%	OECD 301 B	77	62
Foam Sequence I	mL	ASTM D 892	20/0	20/0
Foam Sequence II	mL	ASTM D 892	10/0	10/0

* Values may be different for each production.

XENOL/TDS/18.07.2022-13

Storage Conditions

It should be protected against direct sunlight and precipitation. Packages should be stored as sealed under a porch or in an indoor area. Storage temperature should be between (+5) °C and (+40) °C.

Health and Safety Information

According to the available information, this product is not expected to create any adverse effects on human health, when it is used in the intended location and in the indicated conditions of use. The used product should not be incinerated or poured into soil and waste water channels. Waste oils should be sorted according to the Control of Waste Oils Regulation and disposed of through licensed organizations with characteristics defined in this Regulation. Please read the Material Safety Sheet in case of necessity.

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