

LUKOIL GEYSER BIO M 46

fully synthetic, biodegradable multi-grade hydraulic oil based on synthetic esters

APPROVALS

SPECIFICATIONS & MEETS REQUIREMENTS

ON C 2027-HEES
 VDMA 24568 HEES

Biodegradability ASTM D 6866: >80%

PRODUCT DESCRIPTION

Oils of the **LUKOIL GEYSER BIO M series** are rapidly biodegradable and not water-soluble. A good temperature properties and low viscosity-temperature dependency guarantee optimum operating safety even with significant temperature variations.

The stability at high temperature and ageing stability of **LUKOIL GEYSER BIO M** prevent the build-up of residue by ageing substances and ensure long service life for the oil.

APPLICATION

Especially used in heavy duty hydraulic systems in the construction industry, agriculture and forestry sectors, sewage treatment plants, runway vehicles etc.

If you wish to convert to **LUKOIL GEYSER BIO M**, please consult our technical services department.

Remark: Although the oils are readily biodegradable when small quantities are emitted to the environment the used oils of the **LUKOIL GEYSER BIO M** must be disposed like any other oil. The same applies for oil accidents!

Please respect the manufacturers specifications!

TYPICAL TEST DATA

PROPERTY	Units	Test methods	LUKOIL GEYSER BIO M
			46
density/15°C	kg/m ³	DIN 51757	920
Biodegradability		ASTM D 6866	80%
viscosity class	---	ISO VG	46
Viscosity/40°C	mm ² /s	DIN 51562/T1	47
Viscosity/100°C	mm ² /s	DIN 51562/T1	10
Viscosity index	--	DIN ISO 2909	200
Prolonged or repeated. cold stability / -30 ° C VTT / incl. Standard			>60
Pourpoint	°C	DIN ISO 3016	<-39

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved by OOO "LLK-International"

20 October 2016, Page 1/1

* This document supersedes all previous versions

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