

BIHOL

HYDRAULIC OIL (HETG) – NSF H1

Description

BIHOL Hydraulic Oils are readily biodegradable rapeseed oil based hydraulic lubricants offering an excellent level of lubrication and an improved operating temperature range. Developed to replace the usual mineral oil based hydraulic lubricants to reduce an environmental footprint. Product is certified according to NSF H1 food grade.

Areas of Application

Designed for the lubrication of hydrostatic and hydrodynamic machine mechanisms, particularly suitable for lubricating of hydraulic quick valves in power plants. Produced at a range of viscosity classes ISO VG 32/46/68.

Characteristic features:

- NSF H1 certification
- Improved thermal oxidation stability
- Great friction and wear test results
- Exceptional cold exposure properties
- Excellent lubrication
- Easily biodegradable
- Made from renewable resources
- Non-toxic



Nonfood Compounds
Program Listed H1

Typical characteristics

PARAMETER	UNIT	TEST METHOD	HO BIHOL 32	HO BIHOL 46
Density at 15 °C	kg/m ³	ISO 12185	900 – 940	900 – 940
Kinematic Viscosity at 40°C	mm ² /s	ISO 3104	29 - 36	41 – 51
Kinematic Viscosity at 100°C	mm ² /s	ISO 3104	8,1	9,3
Pour point	°C	ISO 3016	≤ -20	≤ -20
Flash point, COC	°C	ISO 2592	≥ 280	≥ 280
Viscosity index	-	ISO 2909	≥ 190	≥ 190
Oxidation stability	Min	RSSOT	>100	>100
Biodegradability (within 28 days)	%	OECD 301D	>60	>60

Note

All information is provided to the best of our knowledge and represents general, non-binding guide values. Technical data are average values and are subject to the usual production fluctuations. In case of doubt, please contact our Technical Service. For information concerning safety, the environment and the handling of the product, please refer to our EU safety data sheet. Our products are subject to continuous development. We therefore reserve the right to change the products and their manufacturing processes as well as all information contained in this document at any time and without prior notice.

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