

**Description**

Extremely pure, mineral hydraulic oil. Developed for the toughest conditions. Free of environmentally-hazardous substances such as heavy metals and aromatics. Is consequently non-toxic and partly bio-degradable (38% in 28 days). Universally applicable and miscible with all regular hydraulic oils. Extends the interval between changes.

**Application**

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**Instructions for use**

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**Performance level**

Denison HF-0

Eaton Vickers M- 2950-S and I-286-S

Bosch Rexroth DIN 515244 Part 3

**Typical standard analyses**

Viscosity 40 °C, mm <sup>2</sup> /s	35
Viscosity 100 °C, mm <sup>2</sup> /s	6,6
Viscosity Index	179
Flash Point COC, °C	201
Viscosity -20 °C, mPa.s	1213
Pour point, °C	-42
Copper corrosion (3 h/100 °C)	1a
Rust test	Pass
Appearance	Bright & clear
FZG value	12
TAN, mg KOH/gr	1.0
Density @ 29,5°C	0,835
Viscosity @ 80°C, cSt	10,5
Emulsion characteristics, max	20
Foaming characteristics, 10 min, Sequence I	Nil
Foaming characteristics, 10 min, Sequence II	Nil
Foaming characteristics, 10 min, Sequence III	Nil
Biodegradability OECD 301B (28 days)	38%

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Biodegradability OECD 301B (60 days)	50%
Biodegradability OECD 301F (28 days)	>70%
Fish acute toxicity test EL50-96h OECD 203	No Toxicity (>1,00/1000)
Daphnia Acute Toxicity test (EL 50-96h) OECD 202	No Toxicity (>0,1131/1000 )
Anti-wear properties (4-ball test)	0,39

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