

## 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

Suitable for heavy-duty systems that have to operate in a sensitive (outdoor) environment with an enhanced risk of leakage or calamity. Examples include verge mowers, cranes, shovels, tailgates, aerial platforms, forestry machines, earth-moving equipment, asphalt spreading machinery, industrial applications and waste collection trucks.

## Instructions for use

This oil can only be used for hydraulic systems.

## Performance level

Denison HF-0

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

Bosch Rexroth DIN 515244 Part 3

## Typical standard analyses

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

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Foaming characteristics, 10 min, Sequence III	Nil
Biodegradability OECD 301B (28 days)	38%
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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