

Eco Hydra HT

Product Data Sheet | Art.no 4Y52

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.



Available in



1L



5L



20L



60L



208L



1000L



Bulk

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.

Typical standard analyses

Appearance	Bright & clear
Density @ 29,5°C	0,840
Viscosity 40 °C, mm ² /s	35
Viscosity -20 °C, mPa.s	1213
Viscosity @ 80°C, cSt	10,5
Viscosity 100 °C, mm ² /s	7,3
Viscosity Index	165
Flash Point COC, °C	201
Pour point, °C	-45
Copper corrosion (3 h/100 °C)	1a
Rust test	Pass
Emulsion characteristics, max	20
TAN, mg KOH/gr	0.5
FZG value	12
Foaming characteristics, 10 min, Sequence I	Nil
Foaming characteristics, 10 min, Sequence II	Nil
Foaming characteristics, 10 min, Sequence III	Nil

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

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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 (>0,1131/10 00)
Anti-wear properties (4-ball test)	0,39

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