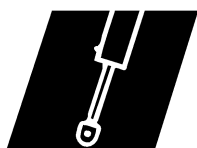


BIOHYDRAN RS 38 B



Lubrication

Biodegradable hydraulic oil.

APPLICATIONS

Hydraulic system

- **BIOHYDRAN RS 38 B** is a vegetable oil based biodegradable hydraulic fluid.
- Applied as a replacement of hydraulic mineral oils in activities such as civil engineering, construction, quarrying, gravel plies,...
- **BIOHYDRAN RS 38 B** is particularly recommended when there is a possible contamination of water : forestry operations, off-shore, river dredging, winter sport,...
- **BIOHYDRAN RS 38 B** can replace mineral oils after a complete drain of the circuit followed by a replacement of the filter.

SPECIFICATIONS

International specifications

- VDMA 24568 TYP HETG.

ADVANTAGES

- Outstanding anti-wear properties which provide a long live time for all moving parts.
- Good protection against rust and corrosion.
- Miscible with most mineral and biodegradable oils.
- Outstanding viscosimetric performances offering a very wide range of operating temperatures. Very high natural viscosity index.
- Very good shear stability, permitting the best optimum working conditions for hydraulic equipment.

TYPICAL CHARACTERISTICS	METHODS	UNITS	BIOHYDRAN RS 38 B
Appearance	Visual	-	clear
Density at 15°C	ISO 3675	kg/m ³	920
Viscosity at 40°C	ISO 3104	mm ² /s	38
Viscosity at 100°C	ISO 3104	mm ² /s	8.6
Viscosity index	ISO 2909	-	217
Cleveland flash point	ISO 2592	°C	290
Pour point	ISO 3016	°C	- 36
Biodegradability test- rate after 21 days	CEC-L-33-A-93	%	> 95
FZE A/8.3/90	DIN 51354	Stage	> 12
Operating temperature	-	°C	- 10 to 70

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités
10-11-2010 (supersedes 03-05-2001)
BIOHYDRAN RS 38 B
1/1



This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.
A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded from www.quick-fds.com.