

HYDRO EUROBIO 46

BIODEGRADABLE SYNTHETIC HYDRAULIC ECO-LABELLED OIL



APPLICATIONS

HYDRO EUROBIO 46 is recommended for heavily loaded hydraulic systems under high pressure and operating over a wide temperature range.

HYDRO EUROBIO 46 is recommended in agricultural tractors, public works equipment and all external hydraulic circuits (sluices etc): the high natural viscosity index means it can cover viscosity classes ISO 32 - 46 - 68.

HYDRO EUROBIO 46 is recommended wherever the environment can be threatened by oil leaks or losses.

HYDRO EUROBIO 46 is compatible with mineral and vegetable oils. BUT to preserve the ecological effect of this oil, you must avoid mixing it with mineral-based hydraulic oils.

BENEFITS

- Biodegradable synthetic **ester base**: minimises the effects of pollution on the environment in the event of accidental spills or leaks
- **Low pour point** for better cold use
- Excellent anti-corrosion properties; anti-oxidant and anti-foam
- Excellent compatibility with elastomers: Nitrile Butadiene NBR1-pass tested - Fluorocarbon FMK2-pass tested
- High natural viscosity index (unshearable) allowing a very wide range of use

PERFORMANCES

HYDRO EUROBIO 46 is **eco-labelled** under No. FR/027/011.



HOMOLOGATION

Swedish Standard SS 15 54 34

PERFORMANCE LEVELS

ISO 15380 Category HEES
DIN 51524 Part 4 Category HEES

CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
ISO grade	-	-	46
Density at 15°C	kg/m ³	NF T 60-101	918
Kinematic viscosity at 40°C	mm ² /s	NF T 60-100	48.1
Kinematic viscosity at 100°C	mm ² /s	NF T 60-100	9.35
Viscosity index	-	NF T 60-136	182
Open-cup flash point	°C	NF T 60-118	270
Pour point	°C	NF T 60-105	-40
Eco-toxicity on seaweed	mg/l	OECD 201	84
Eco-toxicity on daphnia	mg/l	OECD 202	> 10,000
Biodegradability	%	OECD 301 B	>70
Compatibility with VITON – fluorated silicone – BUNAN NEOPRENE – polyurethane joint	- -	- -	Compatible Compatible

The typical data provided are only approximate values



HEALTH, SAFETY AND ENVIRONMENT

Disposal must comply with applicable regulations pertaining to the disposal of used oils.

Store in a sheltered area.

Our technical department is available to provide advice if needed.