

# BioPreslia HT



Hydraulic turbines



Biodegradable oil formulated with saturated synthetic esters.

## APPLICATIONS

Hydraulic turbines

- **BioPreslia HT** is a high performance biodegradable oil designed for the lubrication of bearings and bearing system of hydraulic turbines.
- **BioPreslia HT** can also be used as a hydraulic fluid (vannes, trash rakes...).

## SPECIFICATIONS

Specifications

European Ecolabel

TOTAL Ecosolutions

- ISO 15380 : HEES
- Registration number : FR / 27 / 02 AFNOR CERTIFICATION.  
Reduced harm for water and soil during use. Reduced CO<sub>2</sub> emissions.  
For more information on the European Ecolabel, please consult:  
<http://ec.europa.eu/environment/ecolabel/>
- Meets TOTAL Ecosolutions requirements.

## ADVANTAGES

- Very good lubricating properties.
- **Biodegradable** according to OCDE 301C, D, E, F.
- High **renewable raw materials** content (higher than 50%).
- **Thermal stability** to extend drain interval compared to conventional esters.
- Very high **hydrolytic stability**.
- Protection against **wear** and **corrosion** (ferrous and non-ferrous metals).
- Very good **air** and **water release** properties.

## HANDLING PRECAUTIONS

- In case of replacement of mineral oil, please contact our technical assistance department. The use of a flushing oil is highly recommended (ex : BioFlush 22).
- **BioPreslia HT** should not be mixed with mineral oil. Otherwise biodegradability of the product cannot be guaranteed.

TYPICAL CHARACTERISTICS	METHODS	UNITS	BioPreslia HT				
			22	32	46	68	100
Density at 15 °C	ISO 3675	kg/m <sup>3</sup>	942	938	933	925	920
Viscosity at 40 °C	ISO 3104	mm <sup>2</sup> /s	22	32	46	68	100
Viscosity index	ISO 2909	-	150	149	145	144	140
Pour point	ISO 3016	°C	- 36	- 36	- 36	- 30	- 30
Flash point	ISO 2592	°C	270	258	281	278	278
Air release	ISO 9120	min	1	1	1	4	5
RPVOT	ASTM D 2292	min	-	-	1200	-	-

Above characteristics are mean values given as an information

TOTAL LUBRIFIANTS

Industrie & Spécialités

18-10-2012 (supersedes 18-10-2011)

BioPreslia HT (PX 5700)

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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](http://www.quick-fds.com).