STATOIL

STERNWAY BIO HV
Synthetic oil for propeller hubs and sleeves

ECC
ENVIRONMENTALLY CONSIDERATE CHOICE

Product description

STERNWAY BIO HV is a biodegradable oil for propeller shaft casings and propeller hubs. The product is designed to provide the best protection against wear and corrosion at the same time as being environmentally friendly.

Application areas

STERNWAY BIO HV is an oil for propeller shaft casings and propeller hubs that is formulated not to pollute water if leaks occur. The unique formulation of the product helps to prevent lead corrosion and FZG 12 makes it unique for bearing lubrication as well as for seals. STERNWAY BIO HV can also be used to advantage in gearboxes. Seals made of FKM are preferable for the best service life. STERNWAY BIO HV is > 80% biodegradable in accordance with OECD 301 B and is > 70 % formulated on renewable raw materials. The product can also be used for thicken Sternway BIO 100 in the case of seal breakdown.

Characteristics and advantages

STERNWAY BIO HV has very good anti-corrosion properties and gives unique protection against wear. STERNWAY BIO HV also contains additives for counteracting oxidation and foaming. The product demulsifies water, maintains a lubricating film and contributes to good lubrication. The formulation minimises lead corrosion and is > 80 % biodegradable. The properties of STERNWAY BIO HV contribute to reliable operation and extended engine life.

Tests and approvals

Approvals: Cederwall & Söner AB
Fulfills: Salt Water "Rust B", 80 % > OECD 301B

Handling and storage

Avoid skin contact. In the event of contact with skin, wash with soap and water. Dispose of used oil at a recycling station or equivalent. Safety data sheets are available for professional users and are supplied on request.

Typical Data

Characteristics	Typical value	Unit	Method
Density at 15°C	945	kg/m³	ISO 12185
Flash point COC	260	°C	ISO 2592
Pour point	-30	°C	ISO 3016
Rust prevention "B"	Pass	rating	ASTM D 665 B
Viscosity at 40°C	469	mm²/s	ISO 3104
Viscosity at 100°C	49	mm²/s	ISO 3104
Viscosity index	164	-	ISO 2909

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