



HYDRAWAY BIO SE 32-68

Biodegradable hydraulic oil

Product description

HYDRAWAY BIO SE 32-68 is a biodegradable ester-based hydraulic oil delivering very good performance.

Application areas

HYDRAWAY BIO SE 32-68 is recommended for hydraulic systems working within a very wide temperature range, from -30° up to +85°C. It is also recommended for applications that require ecological oil. With a flash point above 300°C the oil is also recommended for hydraulic systems that work in warm surroundings. It can be used where demands for a less flammable hydraulic fluid of HFDU quality is stipulated.

Characteristics and advantages

Satisfies and exceeds the requirements stipulated for ecological hydraulic oils. The product is made of synthetic esters to achieve the best possible environmental properties in combination with high technical performance. The oil is easily biodegradable and comprises a high proportion of renewable raw materials. Toxicity in relation to aquatic organisms is low. The oil is extremely shear stable. The oxidation stability is also high, which means that the change intervals can be extended. The product counteracts sludge formation and offers exceptionally rapid air separation, which along with its filterability contribute to reliable operation.

Tests and approvals

Specifications: SS 155434 environmentally acceptable, Tests: Vickers 35VQ25A, shearing test CEC-L-45-A-98, 20 h: 1.3%, OECD 301F

Approvals: Sauer Danfoss, Valmet, Ponsse

Fulfills: ISO 6743/4 HFDU

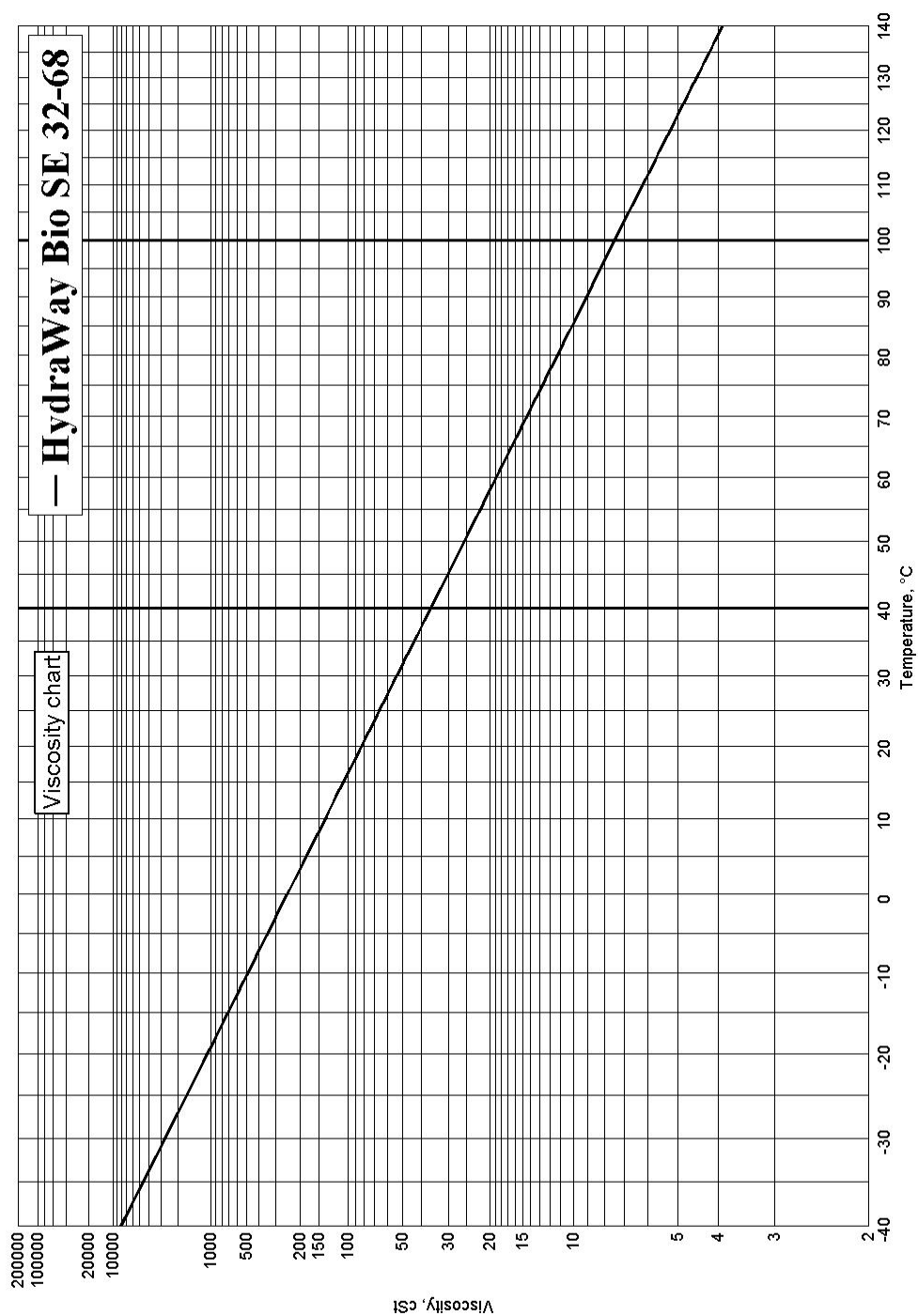
Handling and storage

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 on www.statoillubricants.com or supplied on request.

Typical Data

Characteristics	Typical value	Unit	Method
Density at 15°C	916	kg/m ³	ISO 12185
Flash point COC	310	°C	ISO 2592
FZG A/8.3/90	12	FLS	CEC-L-07-A-95
Pour point	-40	°C	ISO 3016
Viscosity at 40°C	36.0	mm ² / s	ISO 3104
Viscosity at 100°C	7.4	mm ² / s	ISO 3104
Viscosity index	190	-	ISO 2909

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