

LOADWAY S WP 320

Fully synthetic industrial gear oil

Product description

LOADWAY S WP 320 is a fully synthetic oil with an extended lifetime for industrial applications. It is based on a special PAO, which gives extremely good wear protection and the ability to withstand high loads. Exceptionally good protection against micropitting.

Application areas

LOADWAY S WP 320 is recommended for all types of industrial transmissions that are adapted for synthetic oils. The formulation has been used within wind power installations around the world for many years with great success. LOADWAY S WP 320 can be used as a high quality EP transmission oil in heavily loaded bearings, toothed gears, planetary gears and worm gears.

Characteristics and advantages

The formulation of the product ensures exceptionally good protection against wear and corrosion. High thermal and oxidative stability. The oil temperature in the sump can be reduced by 5-10°C compared to mineral oil-based products. A 4-5 times longer life can be achieved compared to mineral oil-based products. This guarantees a long lifetime for the oil, which entails a high level of operational safety and reliability. The product is miscible with mineral oil-based and ester-based transmission oils.

Tests and approvals

Satisfies or exceeds the requirements according to: DIN 51 517-3: CLP, ISO 6743-6 and ISO 12925-1: CKC/CKD/CKE. Approvals and references: Moventas, Acciona, Bosch Rexroth, Enercon, Flender, Gamesa, Hansen, Jahnel/Kestermann and other leading manufacturers of transmissions or wind power stations

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
Acid number	0.6	mg KOH/g	ISO 6618
Density at 15°C	860	kg/m ³	ISO 12185
Flash point COC	260	°C	ISO 2592
Pour point	-42	°C	ISO 3016
Viscosity at 40°C	320	mm ² /s	ISO 3104
Viscosity at 100°C	35	mm ² /s	ISO 3104
Viscosity index	155	-	ISO 2909

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