

LOADWAY PG 680

Synthetic industrial gear oil

Product description

LOADWAY PG 680 is a fully synthetic oil based on polyalkylene glycol (PAG) that is intended for lubricating industrial gears and bearings. The product delivers exceptional performance at high loads and continuous high temperatures.

Application areas

LOADWAY PG 680 is optimised and is strongly recommended for lubricating gears, chain sprockets, roller and slide bearings when the operating temperature is high. LOADWAY PG 680 can be used at temperatures up to 150°C in continuous operation, and up to 200°C during temporary temperature peaks.

Characteristics and advantages

LOADWAY PG 680 is based on polyalkylene glycol (PAG). Fully synthetic oils of this type have been specially developed for operating conditions in excess of the capacity for mineral oils and other synthetic oils. LOADWAY PG 680 has better oxidation stability and thermal resistance, and can also cope with higher loads, offering exceptional protection to machinery components. LOADWAY PG 680 contains EP additive and other additives that prevent foaming, corrosion and oxidation, ensuring reliable operation for a long time. Very good low temperature properties. The product is not degraded by water. LOADWAY PG 680 is not miscible with mineral or polyalphaolefin-based products.

Tests and approvals

DIN 51517-3

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	1072	kg/m ³	ISO 12185
Flash point COC	287	°C	ISO 2592
FZG A/16,6/90	12	FLS	DIN 51 354
FZG A/8.3/90	>12	FLS	CEC-L-07-A-95
Pour point	-33	°C	ISO 3016
Viscosity at 40°C	725	mm ² /s	ISO 3104
Viscosity at 100°C	122	mm ² /s	ISO 3104
Viscosity index	272	-	ISO 2909

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