

CYLWAY 680

Cylinder oil

Product description

CYLWAY 680 is a specially developed, high-quality cylinder oil with high viscosity based on highly refined paraffin-based oil. CYLWAY 680 is especially suitable for steam cylinders, but also for the lubrication of closed worm gears and other applications.

Application areas

CYLWAY 680 is especially suitable for steam cylinders operating with superheated steam, or for other applications where an oil with high viscosity and good resistance to thermal degradation is required. CYLWAY 680 is also recommended for the lubrication of closed worm gears, oil lubricated bearings, clutches and guides at higher temperatures and loads compared with CYLWAY FZ 460. CYLWAY 680 can be used in conjunction with saturated and superheated steam over approx. 265 °C. CYLWAY 680 can be applied easily with either a drip cup, oil can, spreader or mechanical lubrication device.

Characteristics and advantages

CYLWAY 680 is formulated from high quality mineral oils with high oxidation stability. This means that the oil has a very low propensity to form coke at high temperatures, which contributes to cleaner systems and less machine maintenance. CYLWAY 680 gives excellent oil film strength and good resistance to degradation at high temperatures. CYLWAY 680 has a very good lubrication capacity even in wet operating conditions and sticks to and remains on metal surfaces. CYLWAY 680 has excellent water separating ability and resists removal when washed with water. CYLWAY 680 protects against rust and corrosion.

Tests and approvals

Handling and storage

Avoid skin contact. Clean with soap and water in the event of contact with the skin. Dispose of used oil at a recycling station or equivalent. Safety data sheets are available on www.statoil lubricants.com or supplied on request.

Typical Data

Characteristics	Typical value	Unit	Method
Density at 15°C	918	kg/m ³	ISO 12185
Flash point COC	316	°C	ISO 2592
Pour point	-12	°C	ISO 3016
Viscosity at 40°C	656	mm ² / s	ISO 3104
Viscosity at 100°C	38	mm ² / s	ISO 3104
Viscosity index	94	-	ISO 2909

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