Gazpromneft Circulation Oil 100

Circulating Oil

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 Excellent demulsibility

 Corrosion protection

 Mineral

Gazpromneft Circulation Oil 100 is high performance circulating oil designed for circulation and other systems where long lubricant service life is required. Gazpromneft Circulation Oil 100 is formulated from highly refined base stocks and an additive system, which provide high level of chemical and thermal stability, rapid separation from water and a high resistance to emulsification. It provides excellent protection against rust and corrosion, good anti-wear properties and excellent air release properties.

Applications

- Continuous service in plain and roller bearings and parallel shaft gearing
- Moderate severity hydraulic pumps
- Applications where long lubricant service life is required

Features	Advantages and Potential Benefits
Share stable to stay-in-grade	High viscosity index which ensures minimum variation of film thickness with temperature and minimum power loss during the warm up period
Excellent thermal and oxidation stability	Long oil charge life in circulation systems and reduced oil replacement costs
Excellent demulsibility	Improved operating efficiency
High resistance to foaming and excellent air release	Help to avoid pump cavitation, noisy and erratic operation
Protection against rust and corrosion	Longer equipment life, reduced maintenance and downtime
Very good anti-wear protection	Reduced wear for longer equipment life

Meets the requirements

- DIN 51524 Part 2
- SEB 181 222
- U.S Steel 126/127

Typical Characteristics

Properties	Method	Gazpromneft Circulation Oil 100
ISO Viscosity Grade		100
Kinematic Viscosity @40°C, mm^2/s	ASTM D445	100
Viscosity Index	ASTM D2270	94
Flash Point (COC), °C	ASTM D92	237
Pour Point, °C	ASTM D97	-23
Total Acid Number, mg KOH/g	ASTM D664	0,7
Density @20°C, kg/m^3	ASTM D4052	890
Water separation, minutes, max	ASTM D1401	10

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Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.

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