

Gazpromneft Romil – 46, 100, 150, 220, 320, 460

Industrial Bearing & Circulating Oils



Rolling Mills



Excellent load-carrying capability



Excellent demulsibility



Protection against rust and corrosion



High quality mineral base oils

Gazpromneft Romil are high quality circulating oils intended for plain bearings in full fluid lubrication systems, particularly affected by heavy water contamination and may be used for back-up roll bearings in metal rolling mills. Gazpromneft Romil are formulated from high quality base stocks and selected additive package to provide outstanding water separation ability, good resistance to thermal degradation and oxidation, and protection against rust and corrosion. Gazpromneft Romil meets the specification requirements of Morgoil and Danieli.

Applications

- Back-up roll bearings of rolling mills
- Other full fluid bearing systems and similar type applications in other industries, particularly where the bearings are subjected to heavy water contamination
- Machine circulation systems
- Enclosed low or moderately loaded industrial gear systems where EP performance is not required

Features, Advantages & Potential Benefits

- **Excellent demulsibility and dispersancy**
Rapid separation from water and contaminants for reliable operation and reduced downtime
- **Excellent rust and corrosion protection**
Increased equipment protection and equipment life
- **Good shear stability**
High viscosity index which ensures minimum variation of film thickness with temperature and minimum power loss during the warm up period
- **Protection from oxidative degradation**
Cleaner system and filters for lower maintenance costs
- **High resistance to foaming and excellent air release**
Help to avoid cavitation, noisy and erratic operation
- **Hydrolytic stability**
Unique zinc-free anti-wear additive system provides excellent protection even in the presence of water.

Meet the requirements*:

- Danieli 0.000.001 rev.15
- Morgoil - Advanced Lubricant (SN 180-4:2009-01)
- Morgoil - Standard Lubricant (SN 180-3:2009-01)

* - except Gazpromneft Romil – 46

Typical Characteristics

Properties	Method	Gazpromneft Romil					
		46	100	150	220	320	460
ISO Viscosity Grade		46	100	150	220	320	460
Kinematic Viscosity @40°C, mm ² /s	ASTM D 445	46	100	150	220	320	460
Kinematic Viscosity @100°C, mm ² /s	ASTM D 445	6,7	11,0	14,4	18,5	23,3	29,1
Viscosity Index	ASTM D 2270	95	94 (95*)	93 (95*)	93 (95*)	91 (95*)	90 (95*)
Flash Point (COC), °C	ASTM D 92	238	246	250	256	273	288
Pour Point, °C	ASTM D 97	-14	-13	-12	-12	-11	-10
Density @20°C, kg/m ³	ASTM D 4052	876	883	888	893	894	899
Copper Strip Corrosion, 3 hrs @ 100°C	ASTM D 130	1B	1B	1B	1B	1B	1B
Water separation, minutes, max	ASTM D 1401	10	15	15	20	20	25

* - available upon request

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.