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


Rolling mills



High load-bearing capacity



Excellent demulsifying ability


Corrosion protection


High-quality mineral base oils

Gazpromneft Romil is a series of circulating oils for rolling mills operated at metallurgical plants with improved demulsifying and anticorrosive properties. The oils are designed to provide the effective lubrication of oil film bearings manufactured by Danieli and Morgoil companies. The oils retain their performance characteristics even in the most severe conditions and in the presence of water. High load-bearing capacity and excellent oxidation stability make it possible to achieve the maximum service life of bearings and equipment.

Characteristics/Advantages/Potential benefits

- Excellent demulsifying ability → the oil does not form stable emulsions with water, maintaining its performance characteristics and protecting the equipment → maintaining the service life of the equipment
- High anticorrosive properties → effective protection against the bearing corrosion in the presence of water → reduced secondary service costs
- Excellent viscosity stability → preservation of a reliable oil film under increased bearing loads → ability to operate under severe operating conditions
- Antioxidation stability → minimizing the formation of oil oxidation products that cause the corrosion of equipment → reducing the cost of unscheduled downtime
- Stability to foaming → minimizes the foaming in the circulation system → ensures the equipment operability
- High hydrolytic stability → ash-free additives are resistant to hydrolysis in the presence of water and do not form deposits that impair oil filterability → reduced maintenance costs

Application

- Lubrication of highly loaded oil film bearings of rolling mills in the metallurgical industry
- For oil film bearings manufactured by Danieli and Morgoil companies
- Circulation systems where ISO 46, 100, 150, 220, 320, 460 viscosity and oil with high water-separating properties are required

Specifications	ISO viscosity grade					
	46	100	150	220	320	460
Danieli		✓	✓	✓	✓	✓
Morgoil - Standart Lubricant (SN 180-3:2009-01)		✓	✓	✓	✓	✓
Morgoil - Advanced Lubricant (SN 180-4:2009-01)		✓	✓	✓	✓	✓

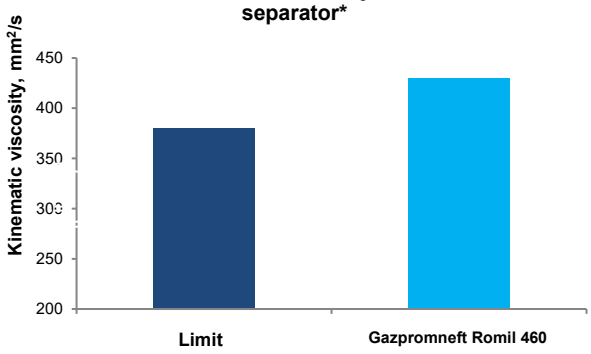
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The above data are typical for the products currently available. Due to ongoing research and development, the information contained in the document is subject to change. Information on the safe use of the product is contained in the Safety Data Sheet. More detailed information can be obtained from the company's technical specialists. E-mail: 365@gazpromneft-sm.ru. 01/2026

Typical physical and chemical properties

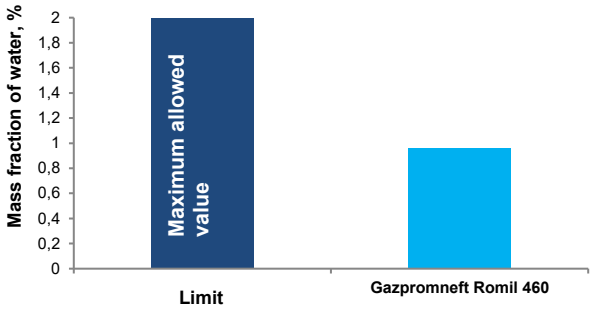
Parameters	Method	ISO viscosity grade					
		46	100	150	220	320	460
Kinematic viscosity at 40°C, mm^2/s	ASTM D445	46	103	150	213	314	423
Kinematic viscosity at 100°C, mm^2/s	ASTM D445	6.7	11.3	14.4	18.2	23.2	27.9
Viscosity index	ASTM D 2270	97	96	93	91	92	90
Flash point (COC), °C	ASTM D92	238	253	252	270	272	279
Pour point, °C	GOST 20287	-14	-17	-14	-15	-14	-12
Density at 20°C, kg/m^3	ASTM D4052	875.6	881.5	887.9	889.6	892.6	898.3
Corrosion of copper, 3 h at 100°C	ASTM D130	1B	1B	1B	1B	1B	1B
Demulsifying ability, min.	ASTM D1401	10	15	15	15	20	19

Viscosity retention after 3 months of operation in the Zh-1 PS-250 lubrication system without a separator*



Gazpromneft Romil series oils retain their viscosity characteristics even in conditions of increased flooding, ensuring load-bearing capacity.

Reduced oil water cut after 2 months of operation in the Zh-1 PS-250 lubrication system without a separator**



Gazpromneft Romil series oils effectively separate water while maintaining their performance characteristics. They protect the equipment from corrosion in conditions of flooding.

*ASTM D445 test; **GOST 2477 test

The Company's management system is certified in accordance with international standards

ISO 9001 ISO 14001 ISO 45001

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