

Gazpromneft PM 150 and 220

Paper Machine Oils



Paper machines



Excellent demulsibility



Excellent load-carrying capability



Mineral

Gazpromneft PM oils are high performance oils based on ashless additive technology designed for industrial paper machine circulating systems. Gazpromneft PM provide excellent lubrication performance while protecting equipment components from rust and corrosion. Their excellent demulsibility guarantee reliable performance in the presence of water. Gazpromneft PM are formulated from high quality base oils and advanced additive system which permit the use in modern high output paper machines.

Applications

- Circulating systems of industrial paper machines, including Metso paper machines
- Gears and bearings of wet and dry paper machine systems
- Circulation systems of gears and bearings

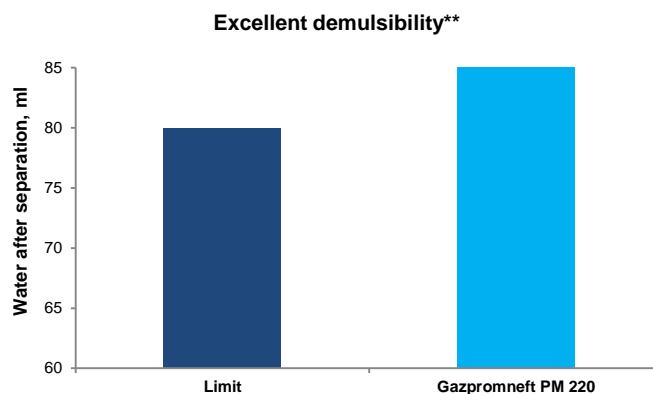
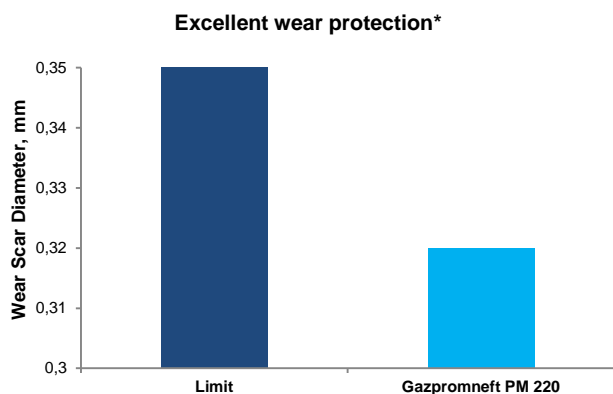
Features	Advantages and Potential Benefits
High load-carrying capability	Reduces gear tooth and bearing wear to prolong the life of equipment
Excellent demulsibility	Improves water removal efficiency and reduces formation of emulsions in system
Hydrolytic stability	Unique additive system provides excellent protection even in the presence of water.
Excellent filterability	Improved oil flow performance for lower filter replacement costs
Improved rust and corrosion protection	Prevents corrosion of system components for reduced maintenance and prolonged equipment life
Seal compatibility	Compatible with all seal materials normally specified for use with mineral oils. Reduced leakage and oil consumption helping to reduce maintenance costs

Meets the requirements:

- DIN 51517 Part 3
- Metso Paper RAU 4L00659.04

Typical Characteristics

Properties	Method	Gazpromneft PM	
		150	220
ISO Viscosity Grade		150	220
Kinematic Viscosity @40°C, mm ² /s	ASTM D445	150	220
Viscosity Index	ASTM D2270	90	91
Flash Point (COC), °C	ASTM D92	255	260
Pour Point, °C	ASTM D97	-17	-18
Total Acid Number, mg KOH/g	ASTM D664	0,2	0,2
Density @15°C, kg/m ³	ASTM D4052	892	897
Cleanliness, class	ISO 4406	-/17/14	-/17/14
Copper Strip Corrosion, 3 hrs @100°C	ASTM D130	1B	1B
Water separation, minutes, max	ASTM D1401	12	15



*ASTM D4712; **ASTM 2711

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.