

Gazpromneft Compressor Oil

Air compressor oils



Positive/dynamic displacement compressors



Improved thermal stability



Antiwear properties



Corrosion protection



Mineral

Gazpromneft Compressor oils are high quality ashless compressor oils designed for lubrication of positive and dynamic air compressors working in moderate conditions at variable working temperatures. Gazpromneft Compressor oil is formulated with high quality mineral base oils with specially selected additives they are characterized by high resistance to oxidation, excellent anti-corrosion, anti-wear, anti-rust properties. Gazpromneft Compressor oils meet the specification of DIN 51506 VCL.

Applications

- Oil systems of rotary and piston compressors, where oils meeting DIN 51506 VCL/VBL are required
- Rotary screw and rotary vane compressors (Gazpromneft Compressor-46/68)
- Piston compressors (Gazpromneft Compressor-100/150/220/320)
- Centrifugal compressors (Gazpromneft Compressor-46)
- Stationary compressors operating at maximum discharge temperatures of up to 180°C and mobile compressors - of up to 220°C (according to DIN 51506 VCL)

Features	Advantages and Potential Benefits
Low ash and carbon formation	Reduced deposits in discharge lines for improved valve and compressor performance
Excellent thermal stability	Longer oil life for lower maintenance costs
Enhanced wear protection	Less wear resulting in less unexpected downtime
Rust and corrosion protection	Improved protection of valves and reduced wear of rings and cylinders

Meets the requirements:

- DIN 51506 VCL

Typical Characteristics

Properties	Method	Gazpromneft Compressor Oil					
		46	68	100	150	220	320
ISO Viscosity Grade		46	68	100	150	220	320
Kinematic Viscosity @40°C, mm ² /s	ASTM D445	46	68	100	150	220	320
Kinematic Viscosity @100°C, mm ² /s	ASTM D445	6,7	8,5	11,0	14,7	18,3	24,3
Viscosity Index	ASTM D2270	97	93	93	93	91	91
Autoignition point, °C	ASTM E659	340	374	375	375	376	378
Flash Point (COC), °C	ASTM D92	235	246	251	257	263	264
Pour Point, °C	ASTM D97	-32	-30	-28	-23	-20	-17
Total Acid Number, mg KOH/g	ASTM D664	0,14	0,14	0,14	0,14	0,14	0,14
Density @15°C, kg/m ³	ASTM D4052	883	888	892	896	903	904

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.