

## Gazpromneft Compressor Oil

Air compressor oils



Positive/dynamic displacement compressors



Improved thermal stability



Anti-wear properties



Corrosion protection



High quality mineral base oils

**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 & 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

### Meet 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 <sup>2</sup> /s	ASTM D 445	46	68	100	150	220	320
Kinematic Viscosity @100°C, mm <sup>2</sup> /s	ASTM D 445	6,7	8,5	11,0	14,7	18,3	24,3
Viscosity Index	ASTM D 2270	97	93	93	93	91	91
Autoignition point, °C	ASTM E 659	340	374	375	375	376	378
Flash Point (COC), °C	ASTM D 92	235	246	251	257	263	264
Pour Point, °C	ASTM D 97	-32	-30	-28	-23	-20	-17
Total Acid Number, mg KOH/g	ASTM D 664	0,14	0,14	0,14	0,14	0,14	0,14
Density @20°C, kg/m <sup>3</sup>	ASTM D 4052	875	880	884	888	895	896

## 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.