

## Gazpromneft Compressor S Synth

Air compressor oils



Positive/dynamic displacement compressors



Excellent thermal stability



Oxidation stability



Anti-wear properties



Semisynthetic

**Gazpromneft Compressor S Synth** oils are high quality ashless compressor oils designed for lubrication of positive and dynamic air compressors working in moderate to heavy duty conditions at variable working temperatures. Made of high quality selected base oils with advanced additives they are characterized by excellent oxidation and thermal stability, outstanding anti-wear and corrosion protection, which enhance equipment life and performance. Gazpromneft Compressor S Synth oils provide lower deposits compared to conventional mineral oils, resulting in longer running periods between maintenance intervals. Gazpromneft Compressor S Synth oils meet the specification of DIN 51506 VDL.

### Applications

- Oil systems of modern air compressors, where oils meeting DIN 51506 VDL are required. Suitable for energy, iron and steel, oil and gas, chemical, building and construction, engineering industries
- Rotary screw and rotary vane compressors (Gazpromneft Compressor S Synth-46/68)
- Piston compressors (Gazpromneft Compressor S Synth-100/150)
- Centrifugal compressors (Gazpromneft Compressor S Synth-46)
- Stationary compressors and mobile compressors operating at maximum discharge temperatures of up to 220°C (according to DIN 51506 VDL)

### Features, Advantages & Potential Benefits

- Low ash and carbon formation**  
Reduced deposits in discharge lines for improved valve and compressor performance
- Excellent oxidation and thermal stability**  
Longer oil life for lower maintenance costs
- Excellent demulsibility**  
Rapid separation from water for reliable operation and reduced downtime
- 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 S Synth			
		46	68	100	150
ISO Viscosity Grade		46	68	100	150
Kinematic Viscosity @40°C, mm <sup>2</sup> /s	ASTM D 445	46	68	100	150
Kinematic Viscosity @100°C, mm <sup>2</sup> /s	ASTM D 445	6,9	9,0	11,5	15,2
Viscosity Index	ASTM D 2270	105	104	103	102
Flash Point (COC), °C	ASTM D 92	241	252	253	258
Pour Point, °C	ASTM D 97	-32	-31	-31	-29
Total Acid Number, mg KOH/g	ASTM D 664	0,1	0,1	0,1	0,1
Density @20°C, kg/m <sup>3</sup>	ASTM D 4052	867	871	871	874

## 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.