

Gazpromneft Compressor S Synth – 46, 68, 100, 150

Air compressor oils



Positive/dynamic displacement compressors



Excellent thermal stability



Oxidation stability



Antiwear 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 and 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

Approvals

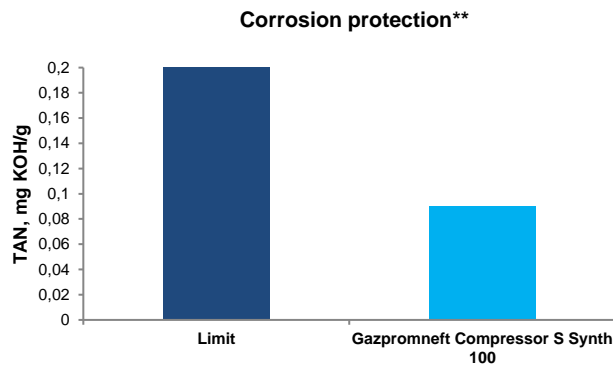
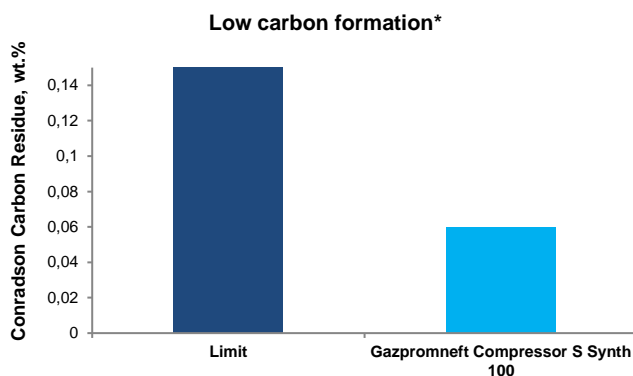
- Rotorcomp Verdichter GmbH (ISO VG 46/68/100)
- Kompressornyy Zavod Borets (ISO 100/150)

Meets the requirements

- DIN 51506 VDL

Typical Characteristics

Properties	Method	Gazpromneft Compressor S Synth			
		46	68	100	150
ISO Viscosity Grade		46	68	100	150
Kinematic Viscosity @40°C, mm ² /s	ASTM D445	46	68	100	150
Kinematic Viscosity @100°C, mm ² /s	ASTM D445	7,0	9,0	11,5	15,2
Viscosity Index	ASTM D2270	111	108	103	102
Flash Point (COC), °C	ASTM D92	250	252	253	258
Pour Point, °C	ASTM D97	-32	-31	-31	-29
Total Acid Number, mg KOH/g	ASTM D664	0,1	0,1	0,1	0,1
Density @15°C, kg/m ³	ASTM D4052	871	875	875	878



*ASTM D189; ** ASTM D664

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.