

Gazpromneft Compressor PAO NG - 100, 150

Premium Synthetic Compressor Oils



Positive/dynamic displacement compressors



Oxidation stability



Wear protection



Resistance to H₂S corrosion



Keep clean performance



Polyalphaolefins (PAO)

Gazpromneft Compressor PAO NG series are premium quality synthetic lubricants developed for use in oil-flooded rotary screw and reciprocating compressors in natural gas service. These premium fluids with a select performance additive package minimize the effects of gas dilution and oil absorption in this type of service. The synthetic formulation provides enhanced oxidation resistance and lower volatility at high temperatures compared to conventional mineral oils, which can result in extended service intervals, lower oil consumption and reduced maintenance. Gazpromneft Compressor PAO NG is especially effective in combating corrosion and promoting long life in sour hydrocarbon gas compressors.

Applications

- Oil-flooded rotary screw gas compressors
- Industrial reciprocating compressors pumping natural gas
- Reciprocating compressors commonly found in remote gas gathering stations

Features	Advantages and Potential Benefits
High performance synthetic base oils	Wide temperature range capability, significant performance improvements relative to conventional mineral oils for extended service life
Excellent oxidation resistance and thermal stability at high temperatures	Longer oil life for lower maintenance costs
Low ash and carbon formation	Reduced deposits in discharge lines for long machinery life and maximum compressor efficiency
Rust and corrosion protection	Improved protection of internal compressor components
Resistance to corrosion caused by hydrogen sulfide	Particularly beneficial for compression of sour hydrocarbon gas
Excellent demulsibility	Rapid separation from water for reliable operation and reduced downtime
Enhanced wear protection	Less wear resulting in less unexpected downtime

Typical Characteristics

Properties	Method	Gazpromneft Compressor PAO NG - 100	Gazpromneft Compressor PAO NG - 150
ISO Viscosity Grade		100	150
Kinematic Viscosity @40°C, mm ² /s	ASTM D445	101.2	145.1
Kinematic Viscosity @100°C, mm ² /s	ASTM D445	14.8	20.5
Viscosity Index	ASTM D2270	152	164
Flash Point (COC), °C	ASTM D92	260	284
Pour Point, °C	ASTM D97	-36	-33
Density @15°C, kg/m ³	ASTM D4052	840	842

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.