

## Gazpromneft Reductor WS

Industrial Gear Oils



Industrial gears



Excellent low temperature performance



High EP properties



Mineral

**Gazpromneft Reductor WS** gear oils are based upon highly refined mineral oil, enhanced with sulphur/phosphorus extreme pressure additive technology providing outstanding thermal stability and high load carrying capacity. They have very good viscosity characteristics to ensure good fluidity in cold operating conditions. Gazpromneft Reductor WS are recommended for the lubrication of industrial gearboxes using splash and oil bath lubrication. They may be used for the lubrication of spur and helical gears and in some lightly loaded worm type gear applications.

### Applications

- Industrial gearboxes of conveyers, agitators, dryers, extruders, fans, mixers, presses, pulpers, pumps (including oil well pumps), screens, extruders and other heavy duty applications
- Industrial gearboxes with spur, helical, bevel, herring-bone, epicyclic gears
- Non-gear applications include shaft couplings, screws and heavily loaded plain and rolling contact bearings operating at slow speeds

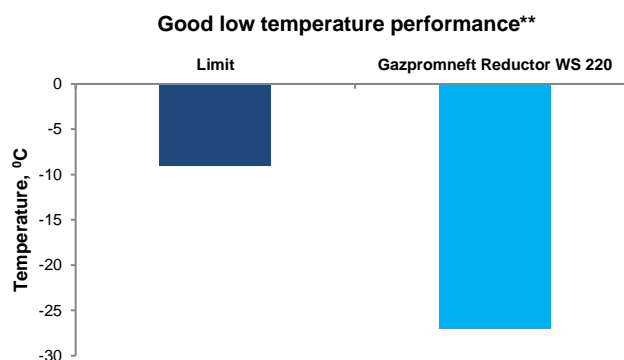
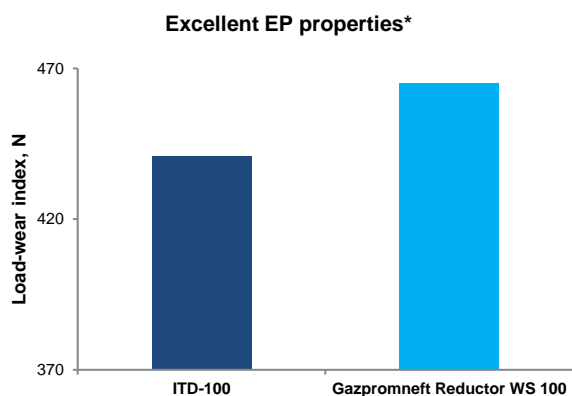
Features	Advantages and Potential Benefits
Excellent low temperature performance	Good fluidity conditions at low temperatures provide good start-up at low temperatures
High protection from micropitting fatigue wear	Helps extend gear and bearing life in enclosed gear drives operating under extreme conditions of load, speed and temperature
Enhanced gear wear protection	Less gear and bearing wear resulting in less unexpected downtime
Excellent resistance to degradation at high temperatures	Helps extend oil life and drain intervals and reduce oil consumption, which can lower maintenance costs
Resistance to foaming	Effective lubrication and problem free operation in equipment prone to oil foaming

### Meets the requirements

- DIN 51517 Part 3

## Typical Characteristics

Properties	Method	Gazpromneft Reductor WS		
		100	150	220
ISO Viscosity Grade		100	150	220
Kinematic Viscosity @40°C, mm <sup>2</sup> /s	ASTM D445	100	150	220
Viscosity Index	ASTM D2270	101	98	97
Flash Point (COC), °C	ASTM D92	238	244	256
Pour Point, °C	ASTM D97	-35	-30	-27
Total Acid Number, mg KOH/g	ASTM D664	0,5	0,5	0,5
Copper Strip Corrosion, 3 hrs @ 100°C	ASTM D130	1B	1B	1B



\* ASTM D2783; \*\* ASTM D97

## 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.