

## Gazpromneft Reductor WS - 100, 150, 220

Industrial Gear Oils



Industrial gears



Excellent low temperature performance



High EP properties



High quality mineral base oils

**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 & 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

Specifications	Gazpromneft Reductor WS		
	100	150	220
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 D 445	100	150	220
Viscosity Index	ASTM D 2270	101	98	97
Flash Point (COC), °C	ASTM D 92	238	244	256
Pour Point, °C	ASTM D 97	-35	-30	-27
Total Acid Number, mg KOH/g	ASTM D 664	0,5	0,5	0,5
Copper Strip Corrosion, 3 hrs @ 100°C	ASTM D 130	1B	1B	1B

✓ ISO 9001

✓ ISO 14001

✓ ISO/TS 16949

✓ OHSAS 18001

CERTIFIED

## 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.