

## Gazpromneft Reductor F

Industrial Gear Oils



Industrial gears



High EP properties



Low foaming



Mineral

**Gazpromneft Reductor F** oils designed with extra quality mineral base oils and advanced additives to protect gears, bearings and seals in all types of enclosed-gear drives with circulation or splash lubrication systems. These gear oils are formulated for outstanding extreme-pressure characteristics and load-carrying properties and with high versatility to lubricate a broad range of industrial and marine equipment. Gazpromneft Reductor F meeting the latest industry standards including Flender (rev.13) specification requirements.

### Applications

- Industrial gearboxes of conveyers, agitators, dryers, extruders, fans, mixers, presses, pulpers, pumps (including oil well pumps), screens, extruders and other heavy duty applications
- Non-gear applications include shaft couplings, screws and heavily loaded plain and rolling contact bearings operating at slow speeds.
- Gazpromneft Reductor F oils applicable for use in Flender gearboxes

Features	Advantages and Potential Benefits
High load carrying capacity	Reduces gear tooth and bearing wear to prolong the life of equipment
Enhanced gear wear protection from micropitting	Less gear and bearing wear resulting in less unexpected downtime
Improved bearing wear protection	Improved bearing life resulting in higher productivity
Strengthened foaming protection	Effective lubrication and problem free operation in equipment with tendency to oil foaming
Excellent resistance to corrosion	Protection of machine parts, with reduced maintenance and repair costs
Compatibility with a range of seal materials	Reduced leakage and oil consumption helping to reduce maintenance, extend gearbox reliability and higher productivity

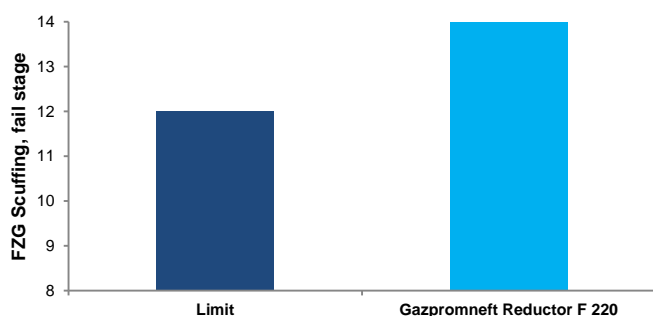
### Meets the requirements:

- DIN 51517 Part 3
- Flender Rev.13

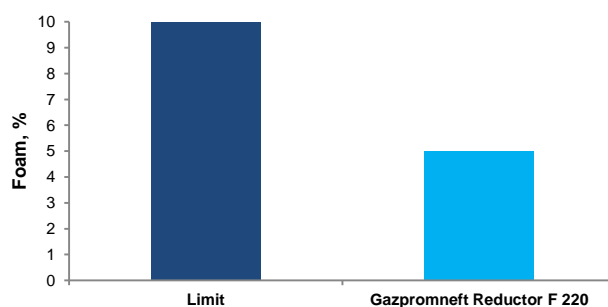
## Typical Characteristics

Properties	Method	Gazpromneft Reductor F			
		150	220	320	460
ISO Viscosity Grade		150	220	320	460
Kinematic Viscosity @40°C, mm <sup>2</sup> /s	ASTM D445	150	220	320	460
Kinematic Viscosity @100°C, mm <sup>2</sup> /s	ASTM D445	14	18	23	29
Viscosity Index	ASTM D2270	96	96	97	98
Flash Point (COC), °C	ASTM D92	226	230	232	238
Pour Point, °C	ASTM D97	-12	-9	-9	-9
Total Acid Number, mg KOH/g	ASTM D664	0,6	0,6	0,6	0,6
Density @15°C, kg/m <sup>3</sup>	ASTM D4052	890	890	900	900
FZG Scuffing, A/8.3/90, Fail Stage	DIN ISO 14635-1	>12			
FZG Scuffing, A/16.6/90, Fail Stage	DIN ISO 14635-1	>12			

Excellent EP properties\*



Low foaming\*\*



\*FZG A/8.3/90; \*\*Flender Foam Test

## 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.