

Gazpromneft Slide Way - 68, 220

Slide & Way Oils



Slideways



Excellent stick-slip protection



Excellent anti-wear protection



Excellent demulsibility



Mineral

Gazpromneft Slide Way oils are high performance oils specially designed for machine tool slide ways. They are formulated from high quality mineral base oils and selected additives to provide excellent frictional properties, good slide way adhesion and improved separability from water which helps to enhance the service life and performance of equipment. Gazpromneft Slide Way oils have excellent anti-stick-slip properties to provide reliable protection for high-precision, low-speed machines and bring smooth motion enhancing machine productivity and accuracy.

Applications

- Machine tool slideway systems that require oils with good anti-stick-slip properties
- Gazpromneft Slide Way-68 is recommended for horizontal slide ways on small to medium size machine tools, turning machines
- Gazpromneft Slide Way-220 is recommended for vertical slide ways, milling and other large machines where high and good precision is required
- Gazpromneft Slide Way oils can be used for industrial applications that require DIN 51517 Part 3 specification

Features	Advantages and Potential Benefits
Excellent stick-slip protection	Helps eliminate stick slip to provide consistently machine productivity and accuracy
Excellent demulsibility	Improves water removal efficiency and reduces formation of emulsions in system
Rust and corrosion protection	Prevents corrosion of system components for reduced maintenance and prolonged equipment life
Excellent oxidation stability	Low acidity, low sludge formation to extend oil drain interval life and minimizing maintenance costs.
Multi-material capabilities	Suitable for a wide range of way material combinations allowing for product unification

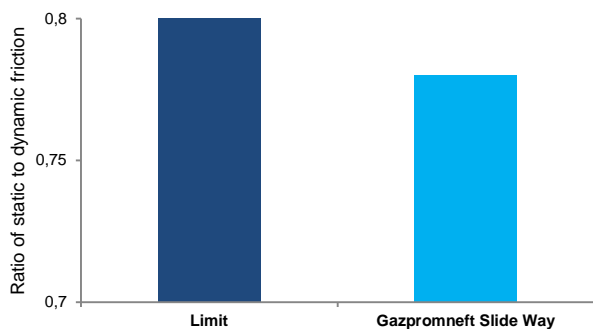
Meet the requirements:

- MAG P-47 (ISO VG 68)
- MAG P-50 (ISO VG 220, approved)
- DIN 51524 Part 2
- DIN 51517 Part 3

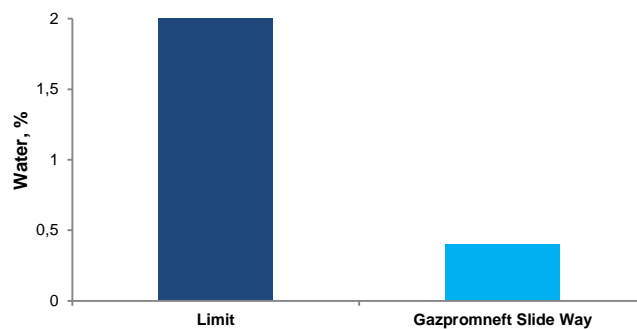
Typical Characteristics

Properties	Method	Gazpromneft Slide Way	
		68	220
ISO Viscosity Grade		68	220
Kinematic Viscosity @40°C, mm ² /s	ASTM D445	68	220
Kinematic Viscosity @100°C, mm ² /s	ASTM D445	8,5	18,3
Viscosity Index	ASTM D2270	93	91
Flash Point (COC), °C	ASTM D92	249	264
Pour Point, °C	ASTM D97	-23	-18
Total Acid Number, mg KOH/g	ASTM D664	0,5	0,5
Density @15°C, kg/m ³	ASTM D4052	884	895

Excellent stick-slip protection *



Excellent demulsibility**



*Cincinnati Lamb friction test ; **ASTM D1401

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.