Gazpromneft Slide Way – 32, 68, 220


Slideways


Perfect stick-slip protection


Good anti-wear properties



Excellent demulsification


High quality mineral base oils

Gazpromneft Slide Way - oils with enhanced stick-slip prevention and demulsifying properties for lubrication of modern machine tool slideway systems. Using oils of this range helps to keep high machine productivity and accuracy. Oils preserve its performance in presence of water and save the resource of precision machine tools

Characteristics/Advantages/Potential benefits

- Excellent stick-slip protection → helps eliminate chattering of guideways and carriages even under heavy operation conditions → ensuring of high precision and quality for parts finishing
- Perfect lubrication → stable oil film on working parts → saving resource of the equipment
- Good demulsification → efficient water separation allows to preserve the oil performances → ability of operation in high aqueous environment
- Corrosion protection → minimizing of surfaces corrosion → maintenance cost reduction
- Oxidation stability → low acid formation, causing equipment corrosion → operation cost reduction
- Machine tools materials compatibility → no negative impact on equipment parts → maximum lifetime of machine tools

Application

- Lubrication of machine tool slideways requiring oils with high stick-slip protection properties
- Horizontal slideways - ISO 68
- Vertical slideways - ISO 220
- Industrial reducers where DIN 51517 Part 3 performance level and viscosity grades ISO 32, 68, 220 required

Specifications	ISO viscosity grade		
	32	68	220
DIN 51524 Part 2	✓	✓	✓
DIN 51517 Part 3	✓	✓	✓
DIN 51502 CGLP	✓	✓	✓
MAG P-50			✓
MAG P-47		✓	
ISO 19378 (L-GA)	✓	✓	✓
ISO 6743-13:L-GA/GB	✓	✓	✓

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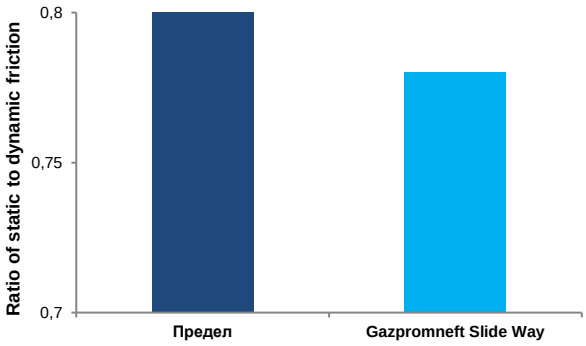
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E-mail: Techservice@gazprom-neft.ru. 12/2024

Typical Characteristics

Parameters	Method	ISO viscosity grade		
		32	68	220
Kinematic viscosity at 40 °C, mm²/s	ASTM D 445	32	68	220
Kinematic viscosity at 40 °C, mm²/s	ASTM D 445	5,4	9,6	18,3
Viscosity Index	ASTM D 2270	102	121	91
Flash Point (COC), °C	ASTM D 92	220	240	245
Pour Point, °C	ASTM D 97	-40	-25	-18
Total Acid Number, mg KOH/g	ASTM D664	0,5	0,5	0,5
Density at 20 °C, kg/m3	ASTM D 4052	0,866	0,880	0,892

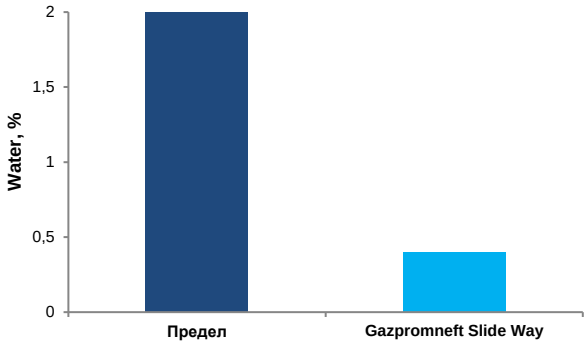
Gazpromneft Slide Way oils demonstrate high test results compared to limits of industry standards

Excellent stick-slip protection*



Gazpromneft Slide Way oils provide smooth motion of guideways and carriages, ensuring high accuracy of machining.

Demulsification**



Gazpromneft Slide Way oils effectively separate water and maintain their performance. This gives the ability to work in conditions with high presence of water.

*ASTM D2877, **ASTM D2711

Certified

ISO 9001

ISO 14001

ISO 45001

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