Gazpromneft Hydraulic Standard HVLP - 32, 46

 Hydraulic systems

 All-season application

 Wear protection

 High-quality mineral oil

Gazpromneft Hydraulic Standard HVLP- series of all-season hydraulic oils for mobile and stationary equipment, operating in a wide temperature range. Oils have an optimal set of performance characteristics in accordance with requirements of DIN 51524 Part 3 standard. In a number of indicators oils exceed the requirements of the standard, ensuring more efficient equipment operation.

Characteristics/Advantages/Potential benefits

- Optimal viscosity-temperature indicators → equipment operation in a wide temperature range → ensures easier start
- High cleanliness class level → better wear protection for hydraulic system precision details → equipment life preservation
- Good wear protection → additional protection for hydraulic pumps, cylinders and other moving parts → lowering maintenance cost
- Corrosion protection → better rust & corrosion protection of yellow and ferrous details in presence of water→ lowering repair cost
- Sealing materials & polymers compatibility → no negative oil effects on sealing materials → oil leakage risk minimization

Application

- Hydraulic systems of stationary and mobile equipment, operating in wide range of ambient temperatures.
- Construction, agricultural and other special purpose machinery.
- Hydraulic systems, requiring DIN 51524 Part 3 or/and ISO 6743/4 HV class hydraulic oils.
- For heavy-loaded hydraulic systems and machinery, requiring oil with higher viscosity shear stability Gazpromneft Hydraulic HVLP range products are recommended.

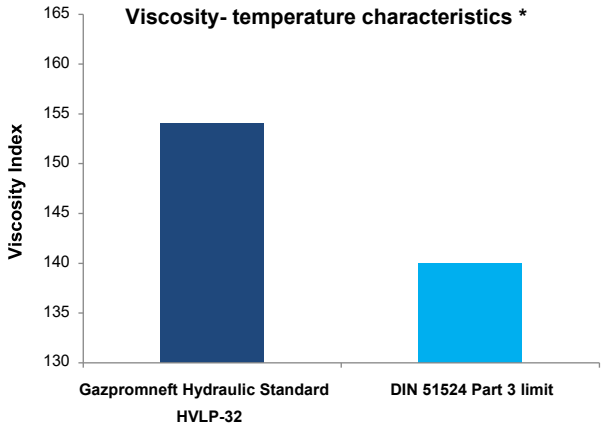
Specifications	ISO viscosity grade	
	32	46
DIN 51524 Part 3	✓	✓
ISO 6743/4 HV	✓	✓

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The above data are typical for the products currently available. Due to ongoing research and development, the information contained in the document is subject to change. Information on the safe use of the product is contained in the Safety Data Sheet. More detailed information can be obtained from the company's technical specialists. E-mail: 365@gazpromneft-sm.ru. 01/2026

Typical physical and chemical characteristics

Parameters	Method	ISO viscosity grade	
		32	46
Kinematic Viscosity at 40 °C, mm^2/s	GOST 33	33,3	48,3
Kinematic Viscosity at 100 °C, mm^2/s	GOST 33	6,7	8,4
Viscosity Index	GOST 25371	154	143
Flash Point (COC), °C	GOST 4333	203	200
Pour Point, °C	GOST 20287	-42	-44
Density at 20 °C, kg/m^3	GOST 3900	856,9	865,4
Cleanliness level, max	GOST 17216	14	14
Copper plates corrosion at 100 °C and 3 hours, merit	ASTM D 130	1b	1b



Gazpromneft Hydraulic Standard HVLP products operate well in a wide temperatures range of application

*Test ASTM D2270

The company's management system is certified in accordance with the international standards

ISO 9001 ISO 14001 ISO 45001

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