Gazpromneft Hydraulic HLPD – 32, 46, 68

 Hydraulic systems

 High anti-wear properties

 Emulsifying ability

 High-quality mineral base oils

 Dispersing properties

Gazpromneft Hydraulic HLPD – series of ashless hydraulic oils, designed for hydraulic systems of industrial equipment, where water, dirt, may enter into the lubrication system. Oils of HLPD class contain emulsifying and dispersing additives that keep contaminant particles in a finely dispersed state and protect the surfaces of hydraulic equipment against wear, corrosion, providing efficient operation of equipment.

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Characteristics/Advantages/Potential benefits

- Excellent emulsifying properties → Emulsifies water without deteriorating the good anticorrosion and lubrication properties
- Special detergent/dispersant additive system → Excellent keep-clean performance in the hydraulic system
- Ashless friction additives → Reduced wear for systems using various metallurgy for excellent performance of components. Providing non contaminated waste water for environmentally friendly disposal
- Excellent corrosion protection → Preventing corrosion in the presence of water for increased equipment protection and service life
- High thermal and thermal-oxidative stability → Reduced deposits and sludge formation to provide long oil and equipment life. Extends filter life

Applications

- Hydraulic systems, where water ingress is unavoidable and where uninterrupted operation of the equipment is required
- Applications that experience high levels contamination e.g. mobile hydraulic units (excavators, bulldozers, wheel loaders, truck hydraulic systems). Not applicable for low-start operation temperatures
- Applications where HLPD performance level of lubricant is required

Specifications	ISO Viscosity Grade		
	32	46	68
DIN 51524 Part 2, with the exception of the demulsifying properties parameter (ASTM D1401). This indicator is not applicable to oils with HLPD level.	✓	✓	✓

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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. 05/2026

Typical physical and chemical characteristics

Parameters	Method	ISO Viscosity Grade		
		32	46	68
Kinematic Viscosity at 40 °C, mm^2/s	ASTM D445	33,3	47,6	67,1
Kinematic Viscosity at 100 °C, mm^2/s	ASTM D445	5,5	6,9	8,6
Viscosity Index	ASTM D2270	102	100	98
Flash Point (COC), °C	ASTM D92	225	232	236
Pour Point, °C	GOST 20287	-38	-33	-31
Total Acid Number, mg KOH/g	GOST 11362	0,3	0,2	0,3
Cleanliness class, max	GOST 17216	12	12	12
Density at 20°C, kg/m^3	ASTM D4052	866	872	879

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

ISO 9001

ISO 14001

ISO 45001

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