Gazpromneft GL-5 85W-140, 140

Drive axles

EP High EP properties

OIL High load carrying capacity

High quality base components

Transmission oils Gazpromneft GL-5 85W-140, 140 are intended for use in drive axles with any type of gear engagement, including hypoid gears, installed on the trucks and off-road technics, operating in severe operation conditions. Lubes are developed specifically for the regions with the hot climate. The high load carrying capability of the oils effectively prevents wear, scuffing and destruction of the working surfaces of gears at elevated ambient air temperatures.

Characteristics/Advantages/Potential benefits

- High extreme pressure properties→ formation of the surface layers, reducing friction of working surfaces of gear teeth under the high loads→ temperature decreasing in the axles.
- Stable viscosity characteristics→ maintaining of required oil film thickness for gear teeth protection→ maintaining of transmission resource
- High stability against oxidation→ retains performance characteristics at the elevated temperatures of application→ ability of operation in severe operating conditions
- Corrosion protection→ deceleration of the corrosion processes of non-ferrous metals→ operating costs reduction
- Anti-foam resistance→ minimization of the foam formation and reliable lubrication→ maximizing of gear service life
- Compatibility with sealing materials → Inertness in respect of seals and gaskets→ costs reduction for additional service

Applications

- For on-highway vehicles (trucks, busses etc.), off-road industries (mining, agriculture etc.) European, American and Asian manufacturers.
- Drive axles of commercial on-highway vehicles.
- Drive axles of off-road technics.
- Final drives, transfer cases, power take-off boxes.

Specifications

Approvals/compliances/level of properties	Gazpromneft GL-5 85W-140	Gazpromneft GL-5 140
API GL-5	✓	✓

LLC “Gazpromneft – Lubricants”
Block A, 14/3 Krzhizhanovskogo str., 117218, Moscow
Phone: +7 (495) 642-99-69
Fax: +7 (495) 921-48-63

Typical physical and chemical characteristics

Parameters	Method	Gazpromneft GL-5 85W-140	Gazpromneft GL-5 140
Kinematic viscosity @ 100 °C, mm^2/s	ASTM D 445	28,0	25,8
Brookfield viscosity @ -12°C, mPa*s	ASTM D 2983	75 000	-
Flash Point (COC), °C	ASTM D 92	239	258
Pour Point, °C	GOST 20287	-19	-15
Density @ 20 °C, kg/m^3	ASTM D 4052	905	902
Four ball wear test @ 20 °C: Load wear index (LWI), N Welding load (Pc), N	GOST 9490	 630 4140	 670 5500

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

ISO 9001

ISO 14001

ISO 45001

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