



ORLEN OIL HIPOL GL-4 80W-90

General features

Vehicle gear mineral oil with very good lubricating and anticorrosive properties, high resistance to oxidation and high ability to transfer loads.

Application

It is intended to lubricate gears of vehicles, in particular gearboxes and final drives of cars, trucks and earth works machines operating in difficult conditions i.e.:

- high speed and low torque,
- low speed and high torque,
- and for those machines and devices, manufacturer of which recommends API GL-4 gear oil.

Quality class

API: GL-4

Viscosity grad

SAE: 80W-90

Physical and chemical properties

Parameters	Units	Typical values
SAE viscosity grade	-	80W-90
Kinematic viscosity at 100°C	mm ² /s	15,6
Viscosity index	-	104
Pour point	°C	-30
Flash point (open cup)	°C	235
Resistance to foaming: · foam volume after 5 min. of air blowing at 25°C/95°C/25°C following the test at 95°C · foam volume after 10 min. standing still at 25°C/95°C/25°C following the test at 95°C	ml	10/30/10 0/0/0
Corrosiveness to copper 3 h/120°C, corrosion rate	reference sample	2b
Lubricating properties on a four ball pressure tester: · weld load, · loaded wear ratio	kG	320 51
Note: Physicochemical parameters listed in the table are typical values. Real values are stated in quality control certificates attached to each product lot.		

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