



HIPOL GL-5 80W-90

QUALITY CLASS: API: GL-5
VISCOSITY GRADE: SAE: 80W-90

GENERAL FEATURES:

Vehicle gear mineral oil with very good lubricating, antioxidative, anticorrosive and antifoaming properties.

APPLICATION:

Mineral oil intended to lubricate gears of vehicles operating in very difficult conditions, especially for gearboxes and final drives, where API GL-5 oil is recommended, it is featured by perfect properties guaranteeing maximal protection against mechanical wear out.

STANDARDS, APPROVALS. SPECIFICATION:

Approval for use in the side gear shaft and the housing track frames in the heavy equipment of Huta Stalowa Wola (HSW)

PHYSICAL AND CHEMICAL PROPERTIES:

Parameters	Unit	Typical values
SAE viscosity grade	-	80W-90
Kinematic viscosity at 100°C	mm ² /s	14.5
Viscosity index	-	99
Flow temperature	°C	-30
Solidification point	°C	-
Ignition temperature	°C	220
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	10/20/10 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	400 56

Note: The above values of physical and chemical properties are typical values. Actual values are specified in quality certificates enclosed with each product lot.

