

PRODUCT DESCRIPTION

Oculus Lubricant GL-5 Motor Oil is formulated with a highly refined mineral base oil and a special Sulphur-phosphorous additive to give protection under high temperature and load conditions. The oils are available in mono and multi-grades variants for automotive manual transmission. An appropriate and balanced extreme pressure additive technology minimizes scuffing and scoring of transmission gears operating at high speed and high torque conditions where API GL-5 performance is required.

APPLICATIONS

- Automotive gearboxes, differentials and hypoid gear sets in passenger cars, commercial vehicles, off-road construction and agricultural equipment.
- Multi-grade viscosity has good cold flow properties to support equipment operating over a broad ambient temperature range for gear protection.
- Recommended for the type of service characteristics of gears, particularly hypoid, in passenger cars and other automotive equipment, operating under high-speed/shock load, high speed/low torque, and low-speed/high torque conditions. Axle oil for general applications.

PERFORMANCE STANDARD

Superior additive technology used in the formulation of Oculus Lubricant GL-5 endorses the following performance standards:

API GL-5 ZF TE-ML 07A
ZF TE-ML 08

BENEFITS

Superior extreme pressure anti-wear performance enhances gear life.
Excellent protection against wearing and scoring produced by high speed and heavy loads.
Superb oxidation resistance enhances oil life. Smooth gearshift.
Excellent low temperature performance. Compatible with seals and gaskets.

PRODUCT CHARACTERISTICS*

PROPERTIES	METHOD	TYPICAL RESULTS			
		90	140	75w-85	85W-140
Density @ 15 °C, Kg/liter	ASTM D-4052	0.9009	0.9083	0.8991	0.9080
Kinematic Viscosity@ 100 °C, cSt	ASTM D-445	16.6	28	14.8	26.4
Kinematic Viscosity@ 40 °C, cSt	ASTM D-445	176	389	143.4	349
Viscosity Index	ASTM D-2270	99	98	102	100
Pour Point, °C	ASTM D-97	-12	-6	-21	-9
Flash Point (COC), °C	ASTM D-92	212	216	200	208

* These typical characteristics mentioned are based on current mean values.


HEALTH & SAFETY

Guidelines for health, safety and handling are available in Material Safety Data Sheet of the product which can be obtained from Oculus Lubricant representative.


ENVIRONMENT PROTECTION

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.


ADVICE

Advice on application not covered in this leaflet, may be obtained from Oculus Lubricant representative.