

NATIONAL MP Gearbox Oil GL-5

NATIONAL MP Gearbox Oil GL-5 series is a monograde automotive transmission (gearbox) lubricant series developed for gears operating under the severe conditions in transmissions, axles, and final drives. It exceeds the requirements of API GL-5 and has a proven track record where extreme pressures and shock loadings are expected.

Benefits

- In-built anti-weld, anti-scuff, and EP properties ensure trouble-free operation and longer component life.
- Features oxidation and thermal stability for deposit-free operation and long service life.
- Compatible with automotive seals & gaskets, eliminating leaks.

Meets/Exceeds

- API GL-5
- ISO 12925-1 CKC / CKD
- US Steel 224
- IS 8406
- GB 5903-L-CKC / CKD

Applications

- Suitable for manual transmissions in passenger cars and commercial vehicles requiring API GL-5 specification.
- Off-highway gearbox applications in construction, mining, quarrying, and other sectors.
- Heavy-duty industrial and automotive applications where slow speed, high torque, heavy loads, shock loads and severe conditions are expected.

Product Characteristics

Properties	Test Method	Unit	SAE 90	SAE 140
Density at 15 °C	ASTM D4052	kg/L	0.9013	0.9075
Kinematic Viscosity at 100 °C	ASTM D445	cSt	17.7	26.9
Viscosity Index	ASTM D2270	-	96	96
Flash Point, COC	ASTM D92	°C	240	242
Pour Point	ASTM D97	°C	-15	-12
<i>Product Code</i>			304022	305022

- Information, test methods, figures are typical and conform to specification; minor variation may occur.
- Refer Owner's Manual for the manufacturer's recommended performance level, viscosity grade and builder approval requirements.
- Please refer to the product Safety Data Sheet (SDS) for health, safety, and handling information.

