

Product Information

PM120 Torque Glide-Gear Guard 50 is formulated from a PAO/Ester base and is intended for use in Eaton Roadranger gearboxes and Rockwell transmissions.

PM120 Torque Glide-Gear Guard 50 is a Group IV synthetic heavy-duty manual-transmission lubricating oil recommended for all-season lubrication of manual transmissions in light- to severe-duty equipment operating across a wide range of environments. Torque Glide-Gear Guard incorporates the latest synthetic base-stock and additive technologies. The additive system provides outstanding high-temperature detergency with protection against oxidation, wear, corrosion, and thermal degradation. PM120 Torque Glide-Gear Guard 50 has a viscosity similar to SAE 50 engine oil and SAE 90 gear oil at the top end of the temperature-viscosity scale. Because of its high viscosity index, it provides a much stronger film at higher temperatures than conventional mineral base gear oils. The formulation retains good lubricating properties at operating conditions below the freezing point.

PM120 Torque Glide-Gear Guard 50 exceeds the requirements for heavy-duty transmissions covered by Eaton Roadranger and the API Service MT-1 gear oil classification, and it is suitable for transmission and gear cases requiring API Service GL-1 to GL-4 protection. PM120 Torque Glide-Gear Guard 50 overcomes seal issues that have proven troublesome for axle and transmission manufacturers—providing high protection for copper alloys under both wet and dry conditions. There is no corrosion-causing interaction between these metals and the special EP additives incorporated in the product. Torque Glide-Gear Guard offers superior load-carrying capacity, EP protection, and wear performance, extending transmission life and ultimately reducing operating costs.

PM120 Torque Glide-Gear Guard 50 with extreme thermal and oxidation protection extends component life and improves efficiency. Torque Glide-Gear Guard 50 is **not suitable** for hypoid gear applications in differentials and final drives where API Service GL-5 lubricating oil is specified. PM120 Torque Glide-Gear Guard 50 can also be used in automotive and industrial applications where extreme pressure properties are not required. Various manual transmissions, spiral bevel axle assemblies, and worm drives are used in commercial settings, farm, and truck equipment.

Typical Properties

SAE Viscosity	50
Kinematic Viscosity	
Viscosity @ 40°C	140 cSt
Viscosity @ 100°C	17.6 cSt
Pour Point °C	<-25 °C
Flash Point COC °C	210 °C
Colour	Red
V.I.	>150
Density @ 15° C kg/L	0.864

Benefits

- OEM Endorsed Additive Technology
- Long Lubricant Life
- Mixed Fleet Application
- Reduces Operating Temperature
- Proven Performance
- Proven Low and High Temperature Protection

Available in 200L, 20L, 5L Containers

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Meets and or Exceed Service Classifications

- API GL-4
- Eaton Roadranger
- Rockwell

PM120 Torque Glide-Gear Guard 50

For Long Life

Why PM Lubrication?

- ❖ Premium Quality
- ❖ XPR Protection Reserve
- ❖ Cost Effective Lubrication
- ❖ On-Site Monitoring will maximise equipment life
- ❖ Knife Edge Filtration
- ❖ Our Predictive & Preventative Maintenance Programme is GUARANTEED to save 15% of your Total Operating Costs



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