

Product Information

PM120 Torque Glide-Gear Guard Synthetic SAE 50 has been developed from a PAO/Ester synthetic base and is produced for use in Eaton Roadranger gearboxes and Rockwell transmissions.

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

PM120 exceeds the requirements for heavy-duty transmissions covered by Eaton Roadranger, the API Service MT-1 gear oil classification, and it is suitable for transmission and gear cases where an API Service GL-1 to GL-4 protection is required. PM120 overcomes seal issues that have proved troublesome for axle and transmission manufacturers. High protection of 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 has superior load carrying, EP protection, and anti-wear performance that extends transmission life and ultimately reduces operating costs.

PM120 Torque Glide-Gear Guard with extreme thermal and oxidation protection extends the life of the components and also improves efficiency. Torque Glide-Gear Guard SAE 50 is **not suitable** for hypoid gear applications in differentials and final drives where API Service GL-5 lubricating oil is specified.

PM120 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
Flash Point COC °C	210
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 Temp Protection

Exceeds 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

Available in 200L, 20L, 5L Containers

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