



Technical Data Sheet

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HOT SHOT'S SECRET BLUE DIAMOND SEVERE DUTY G56 FULL SYNTHETIC Ultimate G56 6-Speed Manual Transmission Fluid

Product Overview

Hot Shot's Secret Blue Diamond G56 was formulated for the Mercedes-Benz G56 transmissions in newer Ram trucks. The formula is based on 100% pure poly- α -olefin (PAO) Group IV synthetic oil, which provides superior lubrication over a wide operating temperature range compared to Group II or Group III oils. The infusion of our patented FR3 Nano Technology, extreme pressure additive package and special friction modifiers provide unsurpassed levels of longevity and performance while keeping the fluid cleaner for longer. With Blue Diamond G56, you will experience reduced noise and operating temperatures. Blue Diamond G56 also provides increased oxidation and thermal stability, deposit and sludge prevention, reduced breakdown, longer drain intervals and higher wear resistance than our competitors. Safe for yellow metals including brass, copper and bronze.

Applications and Uses

Blue Diamond G56 is recommended for any demanding street, towing or heavy-duty application where a high-performance G56, SAE 50 or 90 weight gear oil is needed for your manual transmission.

Benefits

- Reduces rollover noise and vibration
- Increase lifespan of high mileage transmissions
- Extends the life of synchronizers
- Increases boundary layer protection
- Increases film strength
- Improves oxidation stability
- Improves aeration control
- Improves shifting performance
- Reduces operating temperature
- Reduces wear
- Reduces shearing
- Reduces deposit formation
- Less oil breakdown
- Anti-rust protection
- Safe for yellow metals



Packaging

Available in:

- 1 quart bottle
- 1 gallon jug
- 55 gallon drum

Typical Properties

Property	Test Method	Result
Viscosity at 40°C, cSt	D-445	110.14
Viscosity at 100°C, cSt	D-445	16.82
Viscosity Index	D-2270	167
Minimum flash point, °C (°F)	D-92	221°C (430°F)
Stable pour point, °C (°F)	D-97	-44°C (-47°F)

The Safety Data Sheet is available at
<https://www.hotshotsecret.com/print-documents/>.