

Petra ManualSHIFT™ Universal Manual Transmission Fluid

PN 56032 (32 FL OZ)
Technical Data Sheet



Product Description

Petra ManualSHIFT™ is a robust and high-quality universal manual transmission fluid. It is formulated with high-quality synthetic basestocks and a shear-stable viscosity modifier and utilizes a unique blend of additive technologies that provide excellent gear wear protection while also offering excellent synchronizer performance and compatibility to ensure smooth shifting and long component life. It also demonstrates superior low-temperature performance for easy shifting in cold-weather and low fluid-friction to maximize fuel economy. This unique formulation bridges the gap between the many types of fluid recommendations for manual transmissions, from ATF and engine oil, to API GL-4 gear oils offering a shop an excellent opportunity for fluid rationalization. It can also be used in automated manual style transmissions (AMT), and some transfer case applications, thus offering additional value in terms of fluid rationalization.

Suitable for Use in Applications Which Require:

- API GL-3, GL-4 (transmissions only)
- Transfer case applications requiring API GL-3 or ATF type fluids*
- OEM Specific Applications:
 - Chrysler (Stellantis) PN 4773167
 - Dodge/Fiat BOT 270A/303/350 M3
 - Ford PN D80Z19C547A/ESRY 19C547
 - GM PN 12345349 and 88900333
 - MB 235.10, PN 900260315
 - Toyota/Scion Manual Transmission Gear Oil LV

Note: *Not to be used in axle or transfer case applications that specify an API GL-4 or GL-5 gear oil.



Typical Properties

SAE Gear Oil Viscosity Grade (J306)	70W/75W
Appearance	Amber Liquid
Viscosity @ 40°C, cSt, ASTM D445	34.5
Viscosity @ 100°C, cSt, ASTM D445	6.9
Viscosity Index, ASTM D2270	164
Brookfield Viscosity @ -40°C, ASTM D2983	12,000
Pour Point, °C, ASTM D97	-55



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