



Athena Super M 80W-90

Heavy duty gear oil

Product code: G124

Product Description:

Athena Super M 80W-90 is a heavy duty, multipurpose, long life automotive gear oil meeting the requirements of both API GL-5 and MT-1.

Athena Super M 80W-90 is manufactured from solvent refined base stocks, combined with a powerful total driveline performance additive and a highly shear stable viscosity modifier. Athena Super M 80W-90 is a high-performance manual gearbox oil and exhibits unsurpassed load carrying capacity, which is essential for shock load, high torque and high-speed service operation.

Benefits:

- Excellent corrosion protection
- Superior seal compatibility
- Fully compatible with synchromesh transmissions
- Outstanding thermal stability
- Longer oil drain capability

Applications:

Athena Super M 80W-90 is recommended for highly stressed manual gearboxes, heavily loaded axle drives and synchronised or non-synchronised transmissions where an oil meeting the specifications of this grade is called for. This grade is particularly suitable for use in Scania, DAF, Renault and Iveco where an API GL-5 and MIL-PRF-2105E 80W-90 grade is required.

Product Specification:

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|---------------|---|
| API | GL-5, GL-4 and MT-1 |
| MAN | M 3343 Type M, 342 Type M-2, 341 Type E-2 & Z-2 |
| Military | MIL-PRF-2105E |
| Scania | STO 1:0, STO 1:1 G |
| Arvin Meritor | 0-76-D |

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| SAE | J.2360 |
| ZF TE-ML | 02B, 05A, 07A, 08, 12E, 12M, 16B, 16C, 16D, 17B, 19B & 21A |
| Mack | GO-J |
| Mercedes-Benz | MB 235.0 |
| Volvo | 97321 |

Typical Test Data:

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|-----------------------------------|-------|
| Appearance | Amber |
| Density @ 20°C | 0.893 |
| Kinematic Viscosity @ 40°C (cSt) | 140.2 |
| Kinematic Viscosity @ 100°C (cSt) | 14.42 |
| Viscosity Index | 101 |
| Flash Point PMCC (°C) | 235 |