



Elixir Synthetic LS GL-5 75W-90

(July 2021 edition)

AMALIE Elixir Synthetic LS GL-5 75W-90 is a superior, high performance, full synthetic, multi-purpose automotive gear lubricant formulated to excel in severe-duty applications. Because of its robust additive system, the use of 100% synthetic base stocks and its scientifically improved shear-stable viscosity modifier it will give extended-service life protection in a multitude of severe duty applications and operating conditions including cold weather. The advanced engineering of this formula will provide excellent protection against wear, corrosion and thermal oxidative degradation and is formulated with limited slip additives eliminating the need for addition of aftermarket limited slip treatment. Its unique EP package provides the best in protection against pitting, scoring and wear.

Benefits

- Multi-Purpose Lubricant Designed for Service in Automotive and Heavy-Duty Applications
- Formulated with Synthetic Base Stocks and a Sulfur-Phosphorus Extreme Pressure Additive Package Provides Excellent Load Carrying Capabilities
- Excellent Thermal and Oxidative Stability, as well as Anti-Foam, Anti-Rust and Anti-Corrosion Protection

Typical Physical and Chemical Properties

Viscosity Grade.....	75W-90
Kinematic Viscosity @100°C, cSt.....	15.0
Kinematic Viscosity @40°C, cSt.....	90.0
Viscosity Index.....	175
Flash Point, °C (°F).....	220 (428)
Pour Point, °C (°F).....	-45 (-49)
Density, S.G.....	0.855
Brookfield Viscosity, -40°C, cP.....	<120,000

Typical values are listed. Variations not affecting the performance of this fluid may occur during production; however, these variations will not fall outside of set specification parameters.

(Performance Application Chart on Page 2)

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AMALIE Elixir Synthetic LS GL-5 75W-90 Gear Oil meets the service fill requirements of the following specifications.

Performance Application Chart

BMW 83 22 9 407 804	GM 92184900
BMW 83 22 9 407 808	GM 9985290
BMW 83 22 9 407 870	GM 9986115
BMW 83 22 9 407 871	GM 9986207
DAF (PACCAR)	GM 9986290
Dana Corp. / Spicer SHAES 256 Rev C	Harnischfeger (P&H) 474
Eaton 500,000	International TMS 6816
Ford M2C119A	Mack GO-J, GO-J Plus
Ford M2C154A	MAN 342 Type M-2
Ford M2C200-B	Mazda 0000-77-80W9-QT
Ford M2C918-A	MB A 001 989 17 03-10
Ford ES-PM-M2013	MB A 001 989 27 03-10
Ford M2C197-A	MB A 001 989 28 03-10
Ford M2C201-A	MB A 001 989 58 03-10
Ford M2C939-A	MB 235.6
General Electric D50E9C	MB 235.8
GL-5	MB 235.0
GM 1050010	MB 235.20
GM 1052271	Mil-PRF-2105E
GM 10950849	Mitsubishi 3775610
GM 10953455	Mitsubishi 8149630
GM 12345841	Mitsubishi MZ320345
GM 12345977	Mitsubishi DiaQueen LSD Gear Oil
GM 12378261	MT-1
GM 12378557	Nissan KLD37-00001P
GM 88862624	SAE J2360
GM 88862625	Scania STO 1:0
GM 88901362	Subaru SOA635001
GM 89021671	Subaru SOA635048
GM 89021675	Toyota 08885-81006

*Some covered application may not be included in the list above. Please contact the AMALIE Technical Services to check for compatibility. (09/10/18 edition)

Health and Safety

Safety Data Sheets (SDS) are available online at AMALIE.com or from your AMALIE Representative.