



VALUETECH

Lubricants

Gear Oils

(10/25/11 edition)

VALUE TECH Energy Conserving Synthetic High Performance GL-5 75W-90 Gear Oil is the ultimate gear oil system meeting all OEM performance targets and provides maximum protection for all gear sets as well as helping to improve fuel economy while promoting longer gear life. Value Tech Energy Conserving Synthetic High Performance GL-5 Gear Oil is a 100% synthetic base oil product coupled with a robust additive system and an improved viscosity modifier to give you a high viscosity index, low pour-point, synthetic gear oil providing reduced friction, fuel savings, better low temperature start-up protection and longer life than most conventional gear oils. This superior high performance gear oil is formulated to meet the requirements of the American Petroleum Institute's (API) Service Classification GL-5 and MT-1; MIL-PRF-2105E; SAE J-2360: Dana Corp. (including Eaton Axles); Eaton 750,000 mile warranty coverage and 500,000 mile oil drain intervals capabilities; General Electric D 50E9C; (P&H) 474; Mack Truck GO-J Plus; ArvinMeritor (including former Rockwell axels) and Rockwell International 0-76-E.

VALUE TECH Multipurpose High Performance GL-5 Gear Oils are high performance gear oils that meet the latest specifications for today's high performance automobiles, trucks and industrial applications. These oils are manufactured to meet extreme pressure (EP) applications and are designed to resist oxidation and allow for longer oil change intervals. These gear oils are recommended for use in differentials, including most limited slip differentials, transmissions, transfer cases, planetary and industrial gear boxes where extreme pressure lubricants are required. These oils meet or exceed the recommendations for API GL-5 and API MT-1; MIL-L-2105E (MILPRF 2105E) and Mack GO-J Plus.

VALUE TECH GL-4 EP Gear Oils are mild EP gear lubricants designed for a wide range of automotive and industrial applications. They are specifically recommended for manual transmissions and differentials in automotive, truck, and off-highway vehicles not requiring a GL-5 product. API GL-4 gear oils may also be used wherever GL-3, GL-2, or GL-1 gear oils are recommended.

VALUE TECH Premium General Purpose GL-1 Gear Oil is an excellent general purpose straight mineral gear oil manufactured from the finest base oils available. API GL-1 gear oils are recommended for transmissions, differentials, and final drives where load requirements are not severe enough to require compounded oils.

Some performance levels are limited by viscosity grades. Please consult the Value Tech Performance Application Chart, the Value Tech Inspection Data Table for the appropriate Value Tech product or contact your Value Tech District Manager for more complete information and recommendations. Consult your Value Tech District Manager for specific pack sizes and product availability.

TYPICAL INSPECTION DATA

	API Gravity	Flash Point, °C.	Viscosity, cSt.			Brookfield Viscosity, cP.			Pour Point, °C
			@100C	@40C	VI	@-40C	@-26C	@-12C	
Energy Conserving Synthetic HP GL-5									
75W-90	27.5	210	17.00	130.0	142	<150,000	-	-	-45
Multipurpose High Performance GL-5									
75W-90	27.6	200	14.00	120.0	116	<150,000	-	-	-45
80W-90	27.6	230	14.20	142.0	97	-	<150,000	-	-30
85W-140	25.5	250	26.20	352.0	98	-	-	<150,000	-24
GL-4 EP Gear Oils									
80W-90	27.6	230	14.20	142.0	97	-	<150,000	-	-30
140	25.5	250	26.20	352.0	98	-	-	-	-12
Premium General Purpose GL-1									
85W-90	29.2	230	14.4	-	-	-	-	<150,000	-15
140	31.0	250	25.5	-	-	-	-	-	-12
250	27.0	250	46.9	-	-	-	-	-	-

PERFORMANCE APPLICATION CHART

SPECIFICATIONS	Energy Conserving Synthetic HP 75W-90 GL-5	Multipurpose High Performance GL-5	GL-4 EP Gear Oils	Premium General Purpose GL-1
API:				
GL-1	√	√	√	√
GL-2/3	√	√	√	-
GL-4	√	√	√	-
GL-5	√	√	-	-
MT-1	√	√	-	-
Mil-PRF-2105E	√	√	-	-
Mack GO-J	√	√	-	-
Mack GO-J Plus	√	-	-	-
Outboards and Stern Drives	√	√	-	-