



Hicks Oils
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FORMULA 500

GL-4 AND GL-5 GEAR OILS

Formula 500® Multipurpose Gear Oils are used for the lubrication of gears operated under severe conditions, including automotive applications. High quality HVI base stocks blended with a sulfur-phosphorous extreme pressure additive package provide superior performance including anti-weld, anti-scuff, and anti-wear properties.

Formula 500® Multipurpose Gear Oils are available in API GL-4 and GL-5 performance levels. The GL-4 level is designed for spiral-bevel and hypoid gears under moderate speeds and loads. This level is recommended for some manual transmissions and transaxles.

Formula 500® GL-5 Multipurpose Gear Oils have multi-grade characteristics and are recommended for hypoid gears in moderate and severe service, including shock-loading, and some manual transmissions. GL-5 Gear Oils meet MIL-L-2105D, Mack GO-J, Rockwell 0-76-D (80W-90) and 0-76-D (85W-140) specifications.

Formula 500® GL-5 Multipurpose Gear Oils also meet API category MT-1 (PG-1) for truck manual transmissions and proposed category PG-2 for high-speed final drives in trucks, buses and other heavy duty equipment.

Formula 500® GL-4 and GL-5 Gear oils are not intended for use in automotive gear boxes that require a limited slip gear oil, these applications are covered by Formula 500® LS GL-5 gear oils. Always follow manufacturers' recommendations for correct type and viscosity grade of gear lubricant.

Typical Properties:

Product:	Formula 500 GL-4 and GL-5 Gear oils			
	GL-4 SAE 90	GL-4 SAE 140	GL-5 SAE 80W-90	GL-5 85W-140
Classification				
Product Code	1421	1422	1411	1412
Kinematic Viscosity @ 100 °C cSt (ASTM D-445)	15.0	28.0	14.0	25.5
Kinematic Viscosity @ 40 °C cSt (ASTM D-445)	135.0	300.0	130.0	352.0
Viscosity Index (ASTM D-2270)	100	95	100	100
API Gravity	27.0	26.1	27.5	26.0