



Schaeffer Manufacturing Co. DuQuoin
 845 N. Hickory
 DuQuoin, IL 62832

Sales: (314) 525-2568
 Operations: (618) 542-5431

FORMULA 500

GL-5 Limited Slip Gear Oil

FORMULA 500® GL-5 Limited Slip Gear Oils are specially formulated oils, blended to meet service fill applications requiring a limited slip characteristic that is not commonly found in standard GL-5 gear oils.

FORMULA 500® GL-5 Limited Slip 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® GL-5 Limited Slip Gear Oils meet service specification for GL-5, have multi-grade characteristics, and are recommended for hypoid gears in moderate and severe service; including shock-loading and some manual transmissions. FORMULA 500® GL-5 Limited Slip Gear Oils are suitable for use where SAE J2360 (MIL-PRF-2105E) and Mack GO-J specifications are called for.

FORMULA 500® GL-5 Limited Slip 80W-90 Gear Oil (1461) is suitable for use where ArvinMeritor O76-D specifications are called for and the FORMULA 500® GL-5 Limited Slip 85W-140 Gear Oil (1462) is suitable for use where ArvinMeritor O76-A specifications are called for. FORMULA 500® GL-5 Limited Slip 80W-90 Gear Oil (1461) also meets Ford WSP-M2C197-A specifications.

FORMULA 500® GL-5 Limited Slip Gear Oils also meet Scania STO 1:0 and API category MT-1 for truck manual transmissions.

Typical Properties:

Products:	Formula 500® GL-5 Limited Slip Gear Oils	
Product Code	1461	1462
Service Classification	Limited Slip GL-5	Limited Slip GL-5
SAE Viscosity Grade	80W-90	85W-140
Kinematic Viscosity @ 100C, cSt (ASTM D-445)	15.0	28.9
Kinematic Viscosity @ 40C, cSt (ASTM D-445)	153.8	423.7
Viscosity Index (ASTM D-2270)	97	95
API Gravity (ASTM D-1298)	27.1	25.9