



DESCRIPTION

Petrogulf SHIFTPRO Gear Oil GL-4 is a series of automotive gear lubricants formulated from highly refined base oils and carefully selected additives based on extreme pressure sulfur- phosphorous chemistry that provide protection against rust, corrosion and wear over a wide range of temperature and service conditions.

APPLICATIONS

Petrogulf ShiftPro Gear Oil GL-4 is recommended for manual transmissions fitted in passenger cars and on/off-road vehicles, operating under high speed, low torque and low-speed/high torque conditions. It can be used in as a rear axle lubricant under low/medium severity like passenger cars and light duty vehicles that require API GL-4 specification. It is not recommended for conventional heavy duty hypoid axles operating under high loads/high severity, except when specified by the manufacturer a product with such characteristics.

KEY FEATURES & BENEFITS

- Formulated for automotive high-speed gears
- Excellent lubrication even at low temperatures
- Provides good protection against corrosion and wear
- Good thermal stability and resistance to high temperature oxidation

THIS PRODUCT SERIES MEETS THE FOLLOWING PERFORMANCE LEVEL:

- API GL-4

TYPICAL CHARACTERISTICS

PROPERTIES	TYPICAL VALUES						
SAE Grade	90	140	75W-90	80W-90	85W-90	75W-140	85W-140
Kinematic Viscosity @40°C, mm ² /s	209.4	450.6	100.1	140.1	196.6	234.9	445.2
Kinematic Viscosity @100°C, mm ² /s	18.3	30.1	15.4	14.3	17.60	27.2	29.9
Viscosity Index	96	96	163	100	97	150	96
Density @ 15°C Kg/L	0.901	0.907	0.858	0.877	0.8950	0.859	0.907
Pour Point °C	-15	-12	-51	-33	-15	-51	-15
Flash Point ,(COC), °C	226	230	216	214	224	230	228
Foaming Seq I (ml/ml)	0/0	0/0	0/0	0/0	0/0	0/0	0/0
II (ml/ml)	10/0	10/0	10/0	10/0	10/0	10/0	10/0
III (ml/ml)	0/0	0/0	0/0	0/0	0/0	0/0	0/0
Brookfield Viscosity, cP	-	-	@-40°C < 50,000	@-26°C 120,000	@-12°C 75,000	@-40°C <50,000	@-12°C 90,000

**These characteristics are typical of current production. Whilst future production will conform to Petrogulf specification, variations in these Characteristics may occur. The oil drain interval as specified by the engine manufacturer should be adhered to, particularly where indirect fuel Injection is used.*

SAE GRADE	90	140	75W-90	80W-90	85W-90
PRODUCT CODE	30400030005	30400030006	30400030027	30400030029	30400030031
	75W-140	85W-140			
	30400030026	30400030030			

Handling, Health and Safety

- In normal conditions of use, this lubricant presents no particular toxic hazard. All lubricants, of any kind should be handled with great care, particularly avoiding any contact with skin.
- Prevent any splashing, and keep away from combustible materials. Store under cover and away from any risk of pollution. Dispose off the used oil correctly; don't pour down drains, into watercourses or the soil.
- PetroGulf will not accept liability if the product is used other than in manner or with the precautions, or for the purpose specified. Before the product is used other than directed advice should be obtained from PetroGulf local office.