

COSMOS[®]

COSMOS AUTOMOTIVE GEAR OILS GL-1

COSMOS Gear Oils are premium, automotive gear oils formulated from high quality base oils and a balanced additive system. These lubricants protect heavy duty axles and final drives where extreme pressures and shock loading are expected. They provide reliable service through chemical and thermal stability at elevated bulk oil temperatures. These are hypoid gear oils containing extreme pressure antioxidant, antirust and antifoam additives ensuring long services life. These are designed to meet the demands of heavy-duty applications where high torque, heavy loads and shock loads occur. These are recommended for all hypoid, spiral bevel and worm gear transmission systems of cars, buses and trucks, needing EP type of lubrication.

FEATURES & BENEFITS

- Effectively blended base stock and additive systems provide protection of gearboxes and final drive components under tough operating conditions.
- Excellent oxidation stability that extends gear and bearing life
- Good protection at low speed/high torque
- Excellent rust and corrosion protection
- Effective low temperature lubrication

PERFORMANCE LEVELS

- API GL-1

TYPICAL CHARACTERISTICS

Properties	Typical Value		
	90	140	250
SAE Grade	90	140	250
Density @ 15°C	0.89	0.895	0.93
Flash Point , COC, °C	258	268	270
Kinematic Viscosity @40 °C, cSt	180	460-490	1100-1150
Kinematic Viscosity @100 °C, cSt	16.5-18.0	27 - 32	45.5 -49.5
Viscosity Index	95	95	90
Pour Point, °C	-9	-9	-6

**These characteristics are typical of current production. Whilst future production will conform to COSMOS's specification, variations in these characteristics may occur.

HEALTH, SAFETY, & ENVIRONMENT

- 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.
- COSMOS 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 COSMOS local office.