

Penzstar Gear Lube Heavy Duty Axle Oil

Product Description

Penzstar Gear Lube is a high performance gear lubricant designed to provide excellent lubrication in a wide range of automotive transmissions, axles and final drives. It is formulated from high quality group 2 base stocks and balanced extreme pressure additives to protect gear components in applications where extreme pressures and shock loading are encountered. It offers effective protection against oxidation degradation and rust & corrosion. It meets the requirements of API GL-5.

Features & Benefits

- Excellent Extreme Pressure properties shields against wear under different operating conditions leading to enhanced equipment durability and lower maintenance costs
- High oxidation stability minimises sludge and deposit formation facilitating longer component life
- Effective rust and corrosion protection reduces wear and extends component life
- Good low temperature fluidity (SAE 80W-90) reduces wear and enables easy start-up under low ambient temperatures
- Good anti-foam properties ensure film strength for effective lubrication
- Excellent seal compatibility helps minimise leakages and reduce chances of contamination

Applications

- Heavy duty non-synchronized manual transmissions, axles and final drives where API GL-5 quality oils are specified
- On-road passenger cars, light and heavy duty trucks, buses and vans
- Off-highway equipment in construction, mining and agriculture
- Other heavy-duty applications involving hypoid and other gears operating under severe condition like high speed/shock load, high speed/low torque and/or low speed/high torque
- Not suitable for automatic transmissions

Specification & Typical Properties

Typical Properties	Typical Values				
SAE Grades	80W90	90	140	90	140
Meets Following Specifications	GL-5	GL-5	GL-5	GL-4	GL-4
Viscosity, Kinematic					
at 40 °C, cSt	158	177	401	177.5	401
at 100 °C, cSt	16	16.8	28.1	16.5	28
Viscosity Index	101	97	96	97	96
Pour Point, °C	-27	-12	-12	-9	-9
Flash Point, COC, °C	238	240	260	240	260
Specific Gravity 15/15 °C	0.878	0.889	0.903	0.889	0.903