



كونتيننتال الزيوت وزيوت التزييت مرمرح Continental Oils & Lubricants F.Z.E.

PRODUCT DATA SHEET

CONTEX GEAR OIL SAE 80W90 API GL-4

Description

CONTEX GEAR OIL SAE 80W90 API GL-4 is a high-performance Gear Oil designed to provide excellent lubrication in a wide range of automotive transmissions, axles and final drives &. It is formulated from high quality 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-4 and US MIL-L-2105D.

Benefits:

- Superior oxidation and thermal stability
- This Oil shows a superior oxidation and thermal stability and has a good resistance against foaming. Even at higher temperatures an effective lubricating film thickness assures proper lubrication.
- Excellent Resistance for Wear, Corrosion, Foaming and Oxidation
- This Oil shows an excellent resistance against wear, corrosion and foaming as well as oxidation and ageing at elevated temperatures.
- Excellent Extreme Pressure Properties shields against wear under different operating conditions leading to enhanced equipment durability and lower maintenance costs.
- Good low temperature fluidity 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 minimize leakages and reduce chances of contamination.

Application:

- Heavy duty non-synchronized manual transmission, axles and final drives where API GL-4 quality oils are specified
- On road passengers cars, light and heavy duty trucks, buses and vans.
- Off – Highway equipment in construction, mining & agriculture.
- Other heavy-Duty application involving hypoid and other gears operating under severe conditions like, high speed/shock load, high speed/low torque and/or low speed/high torque.
- Not suitable for automatic transmissions.

Performance:

CONTEX GEAR OIL SAE 80W90 API GL-4 meets the following requirements:

API GL-4
US MIL-L-2105D



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Typical Properties:

Particulars	Values
Appearance	Bright & Clear
Density 15 ^o C g/cm ³	0.894
Flash Point (COC) ^o C	210
Kinematic Viscosity 40 ^o C mm ² /s	135
Kinematic Viscosity 100 ^o C mm ² /s	16
Viscosity Index	101
Pour Point ^o C	-27