



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

PRODUCT DATA SHEET

BRAX GEAR OIL 100

Description

BRAX GEAR EP (EXTREME PRESSURE) OIL is a high performance gear lubricant designed to provide effective lubrication in a wide range of automotive transmissions and axle drives where API GL-4 quality oils are specified. It is formulated with high quality mineral oils, which help reduce sludge formation helping to increase oil service life.

Benefits:

- Excellent load-carrying capacity.
- Outstanding anti-wear properties.
- Excellent oxidation stability
- Rust and corrosion protection.
- Excellent lubricity and good anti-foam properties.
- Minimize friction, resulting in reduced bulk oil temperature.
- Effective demulsibility for rapid water separation.
- Resistance to micro-pitting

Application:

- Industrial gearing for conveyers, agitators, dryers, extruders, fans, mixers, presses, pulpers, pumps (including oil well pumps), screens, extruders and other heavy duty applications
- Non-gear applications include shaft couplings, screws and heavily loaded plain and rolling contact bearings operating at slow speeds
- On-road passenger cars, light and heavy duty trucks, buses and vans
- Not recommended for automatic transmissions
- Other applications involving spiral bevel gears operating under moderate to severe speeds and loads and axles with hypoid gears operating under mild to moderate speeds and loads

Performance Standards:

AGMA EP 9005 - EO2

ISO 12925-1 TYPE CKD

DIN 51517 – PART 3 CLP

US STEEL 224



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Typical Properties:

Particulars	ASTM METHOD	GEAR 100
Density @ 15 ° C, kg/L	D-1298	0.894
Viscosity @ 40 ° C cSt	D-445	100
Viscosity @ 100 ° C cSt	D-445	11.25
Viscosity Index	D-2270	98
Flash Point (COC) ° C	D-92	236
Pour Point ° C	D-97	-21

These characteristics are typical of current product methods whilst future production will conform to Continental Lubricants specifications, variations in these physical characteristics may occur.

Health & Safety Environment:

- This product is unlikely to present any significant health and safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.
- Avoid contact with eyes and skin, use proper impervious gloves with used oil. After skin contact, wash immediately with soap and water. Guidance on health and safety is available on the appropriate Material Safety Data Sheet (MSDS) which can be obtained from www.braxoils.com

Protect the Environment:

- Take used oil to an authorized collection point. Do not discharge used or new oil into drains, soil or water.

Additional Information:

- Technical advice on any applications not covered here may be obtained from your continental oil Representative.