Mobil

# Mobil Delvac Modern™ Axle Oil 80W-90 Limited Slip

Mobil Commercial Vehicle Lube , Tunisia

Extra High Performance Limited Slip Gear Oil

**Product Description**

Mobil Delvac Modern Axle Oil 80W-90 Limited Slip is an extra high performance, automotive gear lubricant formulated from select base oils and an advanced additive system specifically for limited-slip differentials. This lubricant is recommended by ExxonMobil for use in applications requiring API GL-5 performance such as heavy duty differentials, axles, and final drives where extreme pressures and shock loading are expected.

**Features and Benefits**

Today's truck and automotive equipment applications place higher performance demands on drive train lubricants. Higher speeds, higher torque, heavier loads, and limited-slip capability require improved formulations to maximize differential life and optimize performance. Longer service intervals place additional demands on the gear lubricant. Mobil Delvac Modern Axle Oil 80W-90 Limited Slip gear lubricant is engineered to meet these challenges. The key benefits include:

| Features | Advantages and Potential Benefits |
|---|---|
| Excellent frictional properties | Effective limited-slip performance |
| Good thermal stability and resistance to high temperature oxidation | Extended gear and bearing life due to minimal deposits and longer seal life |
| Protects against low speed/high torque wear and against high speed scoring | Increased load carrying capability reducing operating costs |
| Excellent rust, staining, and corrosion protection | Reduced wear and maintenance costs |
| Effective low temperature lubrication | Reduced wear and ease of start-up |
| Good resistance to foaming | Maintains film strength for reduced wear |
| Compatible with typical automotive seals and gaskets | Minimum leakage and reduced contamination |

**Applications**

Recommended by ExxonMobil for use in:

- Limited-slip differentials, axles, and final drives requiring API GL-5 level performance
- Passenger cars, on highway light and heavy duty trucks, busses and vans
- Off highway industries including: construction, quarrying, and agriculture
- Other industrial and automotive applications involving hypoid and other gears operating under conditions where high speed/shock load, high speed/low torque, and/or low speed/high torque conditions prevail
- Initial fill, top-up, and refill of enclosed automotive type gearing where SAE 80W-90 limited-slip gear lubricants are recommended
- Not intended for transmissions or transaxles for which engine oil or automatic transmission fluids are recommended

**Specifications and Approvals**

| This product has the following approvals: |
|---|
| TE-ML 21N |

| This product has the following approvals: |
|---|
| TE-ML 05N |

| This product meets or exceeds the requirements of: |
|---|
| API GL-5 |

**Properties and Specifications**

| Property | |
|---|---|
| Grade | SAE 80W-90 |
| Kinematic Viscosity @ 100 C, mm2/s, ASTM D445 | 13.92 |
| Kinematic Viscosity @ 40 C, mm2/s, ASTM D445 | 115.5 |
| Viscosity Index, ASTM D2270 | 116 |
| Pour Point, °C, ASTM D97 | -39 |
| Flash Point, Cleveland Open Cup, °C, ASTM D92 | 200 |
| Density @ 15 C, kg/l, ASTM D1298 | 0.88 |

**Health and safety**

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ http://www.msds.exxonmobil.com/psims/psims.aspx

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com
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