



## Mobil Delvac Modern™ Axle Oil Series

Mobil Commercial Vehicle Lube , Argentina

Heavy-Duty Automotive Gear Lubricants

### Product Description

Mobil Delvac Modern™ Axle Oil 80W-90 and 85W-140 V1 are high-performance drivetrain lubricants specifically engineered to provide optimum component life when used as recommended in final drives, axles, bevel gears, and differentials, especially those operating under high loads and extreme temperatures.

### Features and Benefits

Today's technology has vastly improved the performance capabilities of heavy-duty off-highway equipment innovative drivetrain designs. Additionally, increasing demands for higher productivity and more severe operating conditions put severe stress on axles and final drive components. For optimum durability and performance, Mobil Delvac Modern™ Axle Oil 80W-90 and 85W-140 V1 can be relied on to maintain productivity and minimize maintenance costs.

| Features   | Advantages and Potential Benefits  |
|--|--|
| Excellent load carrying, anti-wear, and EP performance | Helps extend component life and reduce cost of operation                         |
| Optimized thermal and oxidation protection             | Long oil life, extended drain and service intervals, and extended component life |
| Exceptional shear stability                            | Helps minimize wear during severe operation                                      |
| Outstanding low-temperature fluidity                   | Helps reduce wear during cold temperatures                                       |
| Extended drain and service interval capability         | Helps provide lower operating costs and higher productivity                      |

### Applications

Mobil Delvac Modern™ Axle Oil 80W-90 and 85W-140 V1 are recommended for use in differentials and final drives in off-highway industries including: construction, mining, quarrying, and agriculture.

Please refer to the owner's handbook for OEM application requirements and oil drain intervals for your vehicle or equipment

### Specifications and Approvals

| This product has the following approvals: | MOBIL DELVAC MODERN AXLE OIL 80W-90 V1 | MOBIL DELVAC MODERN AXLE OIL 85W-140 V1 |
|---|--|---|
| MAN 342 Typ M2                            | X                                      |   |
| SAE J2360                                 | X                                      | X                                       |
| Volvo 97321                               | X                                      | X                                       |
| ZF TE-ML 05A                              | X                                      | X                                       |
| ZF TE-ML 12M                              | X                                      | X                                       |

| This product has the following approvals: | MOBIL DELVAC MODERN AXLE OIL 80W-90 V1 | MOBIL DELVAC MODERN AXLE OIL 85W-140 V1 |
|---|--|---|
| ZF TE-ML 16B                              | X                                      |   |
| ZF TE-ML 17B                              | X                                      |   |
| ZF TE-ML 19B                              | X                                      |   |
| ZF TE-ML 21A                              | X                                      |   |
| ZF TE-ML 16D                              |  | X                                       |

| This product is recommended for use in applications requiring: | MOBIL DELVAC MODERN AXLE OIL 80W-90 V1 | MOBIL DELVAC MODERN AXLE OIL 85W-140 V1 |
|--|--|---|
| MIL (US) MIL-PRF-2105E   | X                                      | X                                       |
| ZF TE-ML 08  | X                                      | X                                       |

| This product meets or exceeds the requirements of: | MOBIL DELVAC MODERN AXLE OIL 80W-90 V1 | MOBIL DELVAC MODERN AXLE OIL 85W-140 V1 |
|--|--|---|
| API GL-5   | X                                      | X                                       |
| API MT-1   | X                                      | X                                       |
| MACK GO-J  | X                                      |   |
| ZF TE-ML 07A                                       | X                                      | X                                       |

#### Properties and Specifications

| Property   | MOBIL DELVAC MODERN AXLE OIL 80W-90 V1 | MOBIL DELVAC MODERN AXLE OIL 85W-140 V1 |
|--|--|---|
| Grade  | SAE 80W-90                             | SAE 85W-140                             |
| Appearance, AMS 1738                                       | Clear and Bright                       | Clear and Bright                        |
| Density @ 15 C, g/ml, ASTM D4052                           | 0.894                                  | 0.9009                                  |
| Flash Point, Cleveland Open Cup, °C, ASTM D92              | 212                                    | 224                                     |
| Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445 | 14.4                                   | 25                                      |
| Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445  | 132                                    | 335                                     |
| Pour Point, °C, ASTM D97                                   | -30                                    | -12                                     |

#### 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](#)

All trademarks used herein are trademarks or registered trademarks of Exxon Mobil Corporation or one of its subsidiaries unless indicated otherwise.

05-2023

Cosan Lubricantes S.R.L.

Av. Libertador 6343, Piso 8

CABA, CP 1498, Buenos Aires – Argentina

0800 345 79540

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](http://www.exxonmobil.com)

ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

**ExxonMobil**

Exxon Mobil  

© Copyright 2003-2023 Exxon Mobil Corporation. All Rights Reserved