



Mobil Delvac Modern™ Axle Oil Series

Mobil Commercial Vehicle Lube , Brazil

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 ² /s, ASTM D445	14.4	25
Kinematic Viscosity @ 40 C, mm ² /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](#)

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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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