



MOBIL DELVAC MODERN™ AXLE OIL SERIES

Mobil Commercial Vehicle Lube , Argentina

Product Description

Mobil Delvac Modern™ Axle Oil Series are heavy duty gear lubricants formulated from high performance base oils and an advanced additive system. These lubricants are engineered for commercial transmissions, axles, and final drives where extreme pressures and shock loading are expected and is recommended by ExxonMobil for applications where API GL-5 service is required.

Features and Benefits

Today's heavy equipment applications place higher performance demands on drive-train lubricants. Higher speeds, higher torque, and heavier loads require improved formulations to maximise equipment life and minimise operating costs. Longer service intervals place additional demands on the gear lubricant requiring effective basestock and additive systems. Mobil Delvac Modern Axle Oil Series lubricants are engineered to address these challenges. The key benefits include:

Features	Advantages and Potential Benefits
Excellent thermal stability and resistance to high temperature oxidation	Long gear and bearing life due to minimal deposits. Long seal life.
Enhanced protection against low speed/high torque wear and against high speed scoring especially in heavily loaded rear axles	Increased load carrying capability Reduced maintenance costs and longer equipment life
Effective rust and corrosion protection	Reduced wear and longer component life
Multipurpose capability	Reduced number of gear lubricants required
Compatible with typical automotive seals and gaskets	Minimum leakage and reduced contamination
Extended drain capability	Increased productivity and reduced operating costs

Applications

"Recommended by ExxonMobil for use in:

- Heavy duty automotive manual transmissions, axles, and final drives requiring API GL-5 level performance
- On-Highway cars and light trucks; heavy duty commercial vehicles
- Off-Highway industries including: construction, mining, quarrying, and agriculture
- Other gearboxes, steering gears and variable gearboxes
- Other heavy duty industrial and automotive applications involving hypoid gears operating under conditions where high speed/shock load, high speed/low torque, and/or low speed/high torque prevail"

Specifications and Approvals

According to ExxonMobil, this product is of the following quality level:	MOBIL DELVAC MODERN AXLE OIL 80W-90	MOBIL DELVAC MODERN AXLE OIL 85W-90 V1
MAN 342 Typ M1		X

This product has the following approvals:		
MAN 342 Typ M3	X	

This product meets or exceeds the requirements of:		
API GL-5	X	X
Scania STO 1:0	X	
ZF TE-ML 07A	X	X

Properties and Specifications

Property	MOBIL DELVAC MODERN AXLE OIL 80W-90	MOBIL DELVAC MODERN AXLE OIL 85W-90 V1
Grade	N/A	SAE 85W-90
Density @ 15 C, kg/l, ASTM D4052		0.903
Flash Point, Cleveland Open Cup, °C, ASTM D92	222	222
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	14.3	17
Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445	131	184
Pour Point, °C, ASTM D97	-33	-24
Viscosity Index, ASTM D2270	105	99

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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