

# Mobil Delvac™

Built Strong  
For You



# We've been keeping the Industry moving since 1925

ExxonMobil has specialised in heavy-duty lubricants since 1925, providing long engine life and high performance protection for truck engines and drivelines throughout the world in all conditions.

You and your business demand the most from your vehicles and you rely on them to work efficiently, for longer, no matter what conditions are thrown your way. Getting the job finished and on time enables you and your business to thrive, while helping people and communities to prosper.



# Our timeline of lubrication excellence

1925

## Pioneering new technology

With the use of diesel engines growing significantly in the trucking industry, the Vacuum Oil Company files the patent for one of the first diesel engine oils, named Delvac: Diesel Engine Lubricant VAC-uum.



We have obtained over

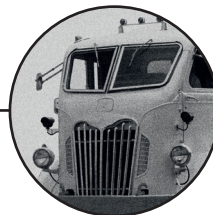
2000

builder approvals

1930s

## An age of expansion

To keep pace with the explosive growth of the trucking industry, Mobil Delvac™ formulators make ground-breaking improvements in wear and corrosion protection.



We have endorsements from over

300

original equipment manufacturers

1950s

## Shifting global demands

With a potential shortage of crude oil looming, Mobil Delvac™ synthetic diesel engine lubricant is developed to help with product supply for truckers.



1990s

## Solutions for new challenges

As rising fuel costs and increasing competition create tough challenges for the trucking industry, Mobil Delvac™ formulators discover innovative ways to help protect engines for long life\*, helping truckers protect their investments.



Today

## Built Strong for you

Mobil Delvac heavy duty engine oil works as hard as you do, because just like you it's built strong. At Mobil Delvac we know what it takes to get the fields ploughed, to deliver packages on time through busy city streets and transport heavy goods from A to B. It takes hard work and equipment that runs smoothly, despite being pushed to its limits everyday. For nearly 100 years Mobil Delvac has helped the industry with continued innovation and performance. And with transportation energy demand predicted to grow we have created a market-back architecture that "speaks" to customers.



\*Well-formulated oils, like Mobil Delvac™, that meet industry or Original Equipment Manufacturers (OEM) specifications, can help protect engines or equipment. Consult OEM for optimum fluid selection. Actual results may vary depending on OEM requirements, type of equipment or engine and its maintenance, application and service conditions, and prior lubricant used. For more information, go to [www.mobil.eu](http://www.mobil.eu)

Take your fleet further  
with performance tailored  
to the extremes



Our state-of-the-art technology is specifically designed to help protect and extend the life of diesel engines, making Mobil Delvac™ the trusted brand of choice for many successful businesses



## Engine Protection

The reliability, performance and lifetime of your vehicle's driveline ultimately depends on an extremely thin lubricant film that separates moving parts and reduces friction. High quality basestocks help to provide an effective oil film across a wider temperature range. Selecting the right Mobil Delvac™ engine oil with its balanced formulation will help to protect your engine from the harmful effects of contaminants. The correct combination of these attributes enables Mobil Delvac™ technology to help extend the life of heavy-duty equipment.

## Fuel Economy Potential

Mobil Delvac™ advanced engine oils have the potential to offer fuel economy advantages versus conventional lubricants. When used in combination with Mobil synthetic gear and transmission oils and greases, the potential is even higher.

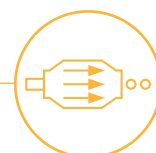


## Extended Drain Potential

Compared to conventional lubricants, our advanced lubricants are more stable at high temperatures. That means they have better resistance to thermal degradation that can lead to performance-sapping sludge, deposit build-up and viscosity breakdown. Mobil Delvac™ engine oils offer long drain performance, saving you time and money.

## Emission System Protection

Mobil Delvac™ advanced engine oils are designed to lubricate and protect modern low-emission engine designs. These designs often include low oil-consumption rates, use of Exhaust Gas Recirculation, Selective Catalytic Reduction and sometimes Diesel Particulate Filters. For Commercial Vehicles fitted with Diesel Particulate Filters, we have developed a range of outstanding low-ash oils.



## Biofuel Compatible Lubricants

Choose Mobil Delvac biofuel-compatible lubricants. We ran oxidation stability, low temperature pumpability and piston cleanliness tests on a series of Mobil Delvac™ oils in the presence of biodiesel to investigate the effect fuels with biodiesel content can have on oil properties. These tests established that our biodiesel-compatible Mobil Delvac™ oils can help extend engine life and drain intervals without sacrificing wear protection.\* Our long-standing relationships with, and endorsements from, engine manufacturers provide you with the added assurance that you're using the right products for your trucks.

\* Results can vary depending upon the type of equipment used and its maintenance, operating conditions and environment, and any prior lubricant used.

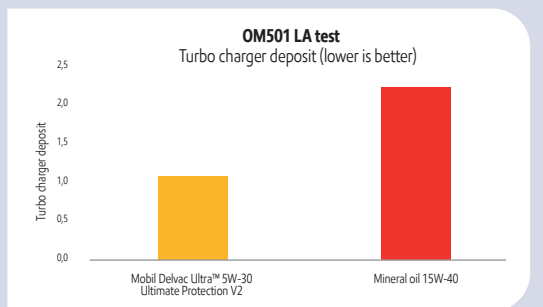
Mobil Delvac™ diesel engine  
oils deliver excellent protection  
and potential fuel economy  
for vehicles that keep on running



# Proven performance attributes\*

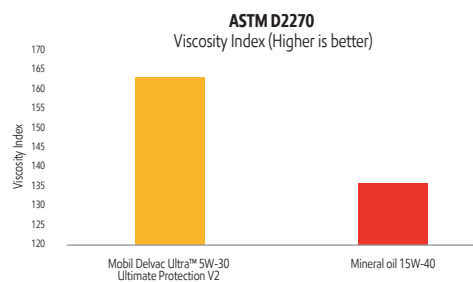
## Turbo charger protection

To lubricate a turbocharger is a big challenge for the oil. It has to withstand very high speeds (film thickness) in combination with very high temperature. The improved oxidation and thermal stability in Mobil Delvac™ advanced lubricants technology together with the use of high performance additive systems helps to protect the turbocharger. We test the viscosity under High Temperature and High Shear conditions (HT/HS) and the Turbo charger deposits with the OM501 LA test.



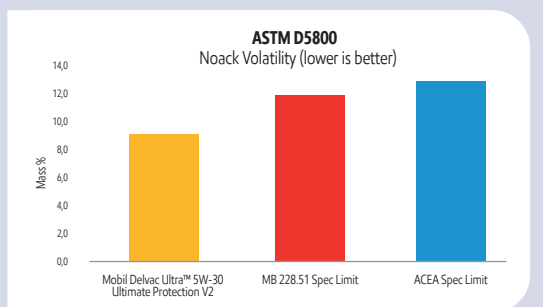
## Viscosity Index

A higher viscosity index translates to a more stable viscosity across a broad temperature range. As well as their superior low temperature performance, Mobil Delvac™ advanced lubricants resist thinning at elevated temperatures, resulting in superior protection across a greater operating temperature range.



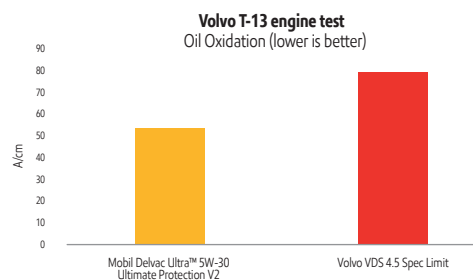
## Oil consumption control

Mobil Delvac™ engine oil uses high performance additives in combination with high quality base oils to provide excellent wear control, which helps to minimise oil consumption and to reduce top-ups between oil drains.



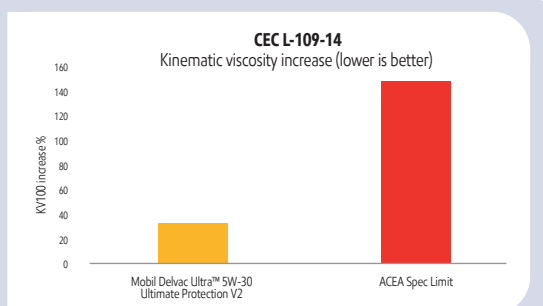
## Improved oxidation and thermal stability

Improved oxidation stability and thermal stability in Mobil Delvac™ advanced lubricants results in less viscosity increase with age and better deposit control. This means fewer oil changes and less downtime, and the potential for extended oil drain intervals, which ultimately saves you time and money.



## Biodiesel compatibility

We ran oxidation stability, low temperature pumpability and piston cleanliness tests on a series of Mobil Delvac™ oils in the presence of biodiesel to prove that our lubricants perform consistently in presence of biodiesel throughout their drain interval.



\* Compared to industry standards or as per tests run as shown for each attribute. Real life application results can vary depending upon the type of equipment used and its maintenance, operating conditions and environment.





# Helping your business achieve your sustainability ambitions



ExxonMobil understands getting to net-zero will be an enormous challenge. We also understand the unique and important contributions we can make, and we are embracing those new opportunities. Commercial vehicle operators are looking to stay competitive while addressing these challenges and emerging regulations.

Any small improvement in fuel economy here can have a significant impact. There are typically three ways to measure the fuel economy potential of lubricants:

- An engine bench test - conducting fuel economy tests in a controlled laboratory environment, with sensors directly monitoring output from an engine.
- A chassis dynamometer test - This encompasses three components replicating real-life driving conditions in urban (city), semi-urban and on-highway environments. The World Harmonized Vehicle Cycle (WHVC) chassis dynamometer test for example, and is one of the most rigorous test cycles in the world., and measures emissions leaving a commercial vehicle's exhaust system in a controlled environment.
- Field trials - testing the performance of the lubricant in the real world. For example, two vehicles undertaking the same route will have their fuel consumption monitored over time. Each vehicle will have a different engine oil - all other parameters are controlled as much as possible.

We recently put a number of our lubricants to the test at UTAC - a globally recognised automotive testing and validation organisation. Following The World Harmonized Vehicle Cycle chassis dynamometer test, our lubricants tested achieved impressive results\*:

Mobil Delvac Modern™ 5W-30 Extreme Protection - achieved up to 1.3% reduction in fuel consumption and carbon dioxide emissions.

Mobil Delvac Ultra™ 5W-30 Ultimate Protection V2 - realised up to 1.8% reduction in fuel consumption and carbon dioxide emissions.



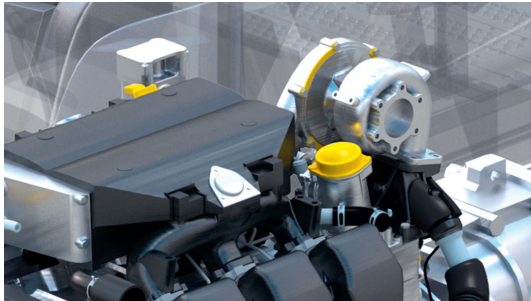
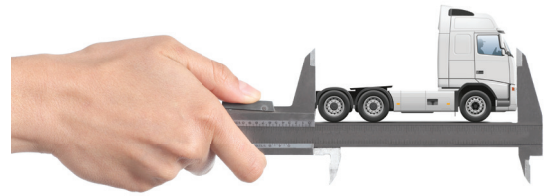
If you power your fleet with biodiesel, or fuel blends with high biodiesel content, it's important to use high-quality engine oils that have been tested for biodiesel compatibility. Choose Mobil Delvac™ biofuel-compatible lubricants.

We ran oxidation stability, low temperature pumpability and piston cleanliness tests on a series of Mobil Delvac™ oils in the presence of biodiesel to investigate the effect fuels with biodiesel content can have on oil properties. These tests established that our biodiesel-compatible Mobil Delvac™ oils can help extend engine life and drain intervals without sacrificing wear protection.\*\* Our long-standing relationships with, and endorsements from, engine manufacturers provide you with the added assurance that you're using the right products for your trucks.

\*UTAC carried out fuel economy tests on behalf of ExxonMobil on a Euro 6 Mercedes Actros 420 Streamspace HGV (with an OM471 engine) at a 75% payload. The vehicle undertook a series of fuel economy tests on the World Harmonized Vehicle Cycle (WHVC) chassis dynamometer at UTAC. Market available 15W-40 (DTFR 15C100) conventional mineral oil was used as the reference oil in the engine, and when changed for Mobil Delvac Modern 5W-30 Extreme Protection a 1.3% fuel saving was achieved during the highway cycle and when Mobil Delvac Ultra 5W-30 Ultimate Protection V2 was used a 1.8% saving was achieved during the semi-urban cycle when compared to the reference oil.

\*\*Results can vary depending upon the type of equipment used and its maintenance, operating conditions and environment, and any prior lubricant used.

# Our products from bumper-to-bumper

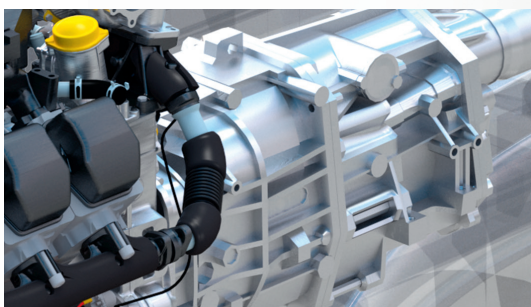


## Engine

Always remember to check product selection against OEM specification requirements and service intervals appropriate to your application and operating conditions.



A Mobil™ product for all your Commercial Vehicle needs



## Manual and automatic transmissions

Mobil™ transmission oils include synthetic products and offer excellent protection against high-temperature and high speed wear whilst also providing outstanding cold-temperature performance.

## Engine

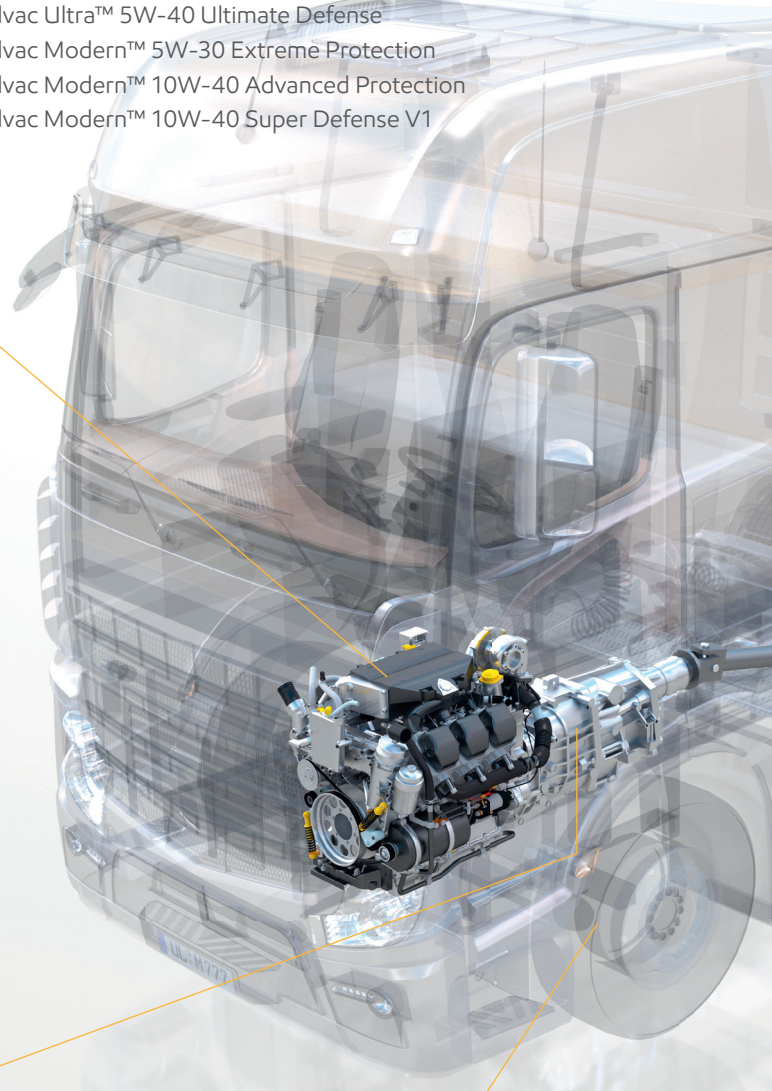
- Mobil Delvac Ultra™ 5W-30 Ultimate Protection V2
- Mobil Delvac Ultra™ 5W-40 Ultimate Defense
- Mobil Delvac Modern™ 5W-30 Extreme Protection
- Mobil Delvac Modern™ 10W-40 Advanced Protection
- Mobil Delvac Modern™ 10W-40 Super Defense V1

## Transmission

- Mobilube 1™ SHC 75W-90
- Mobil Delvac 1™ Transmission Fluid 75W-80
- Mobilube™ GX-A 80W
- Mobilube™ GX 80W-90
- Mobil Delvac 1™ ATF
- Mobil ATF™ SHC
- Mobil ATF™ 320
- Mobil Delvac™ Ultra Total Driveline 75W-90

## Clutch Throw Out Bearings and Greasing Points

- Mobilgrease XHP™ 222
- Mobilux™ EP2
- Mobilgrease™ Special



**Differential and Final Drive**

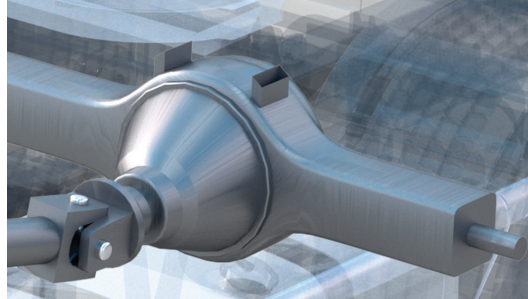
- Mobilube 1™ SHC 75W-90
- Mobil Delvac 1™ Gear Oil 75W-90
- Mobil Delvac 1™ Gear Oil 75W-140
- Mobilube™ HD-A 85W-90
- Mobilube™ HD 85W-140
- Mobilube™ HD 80W-90
- Mobil Delvac™ Ultra Total Driveline 75W-90

**Fifth Wheel and Universal Joints**

- Mobilgrease XHP™ 222
- Mobilgrease XHP™ 322 mine

**Automatic Chassis Lubrication**

- Mobil™ Chassis Grease LBZ



**Rear axle**

Mobil Delvac™ lubricants have been specially developed for truck transmissions, axles and final drives that operate even under the most demanding conditions.

Mobil Delvac™ technology helps extend the life of heavy-duty equipment



**Power steering**

Mobil ATF™ lubricants can help to ensure long service life, improved gearbox cleanliness, a smoother gear change and long gearbox life under all operating conditions.

**Power Steering**

- Mobil ATF™ 320
- Mobil ATF™ 220





**Wheel Hub Bearings**

- Mobilith™ SHC 220
- Mobilgrease XHP™ 222



# Specifications and technical details

The reason Mobil Delvac™ is chosen by some of the world's leading Original Equipment Manufacturers (OEMs) and Commercial Vehicle Owner Operators is quite simple – it's proven record and leading edge technology.

Benefits at a glance		 Engine Protection	 Fuel Economy Potential	 Extended Drain Interval	 Low Temperature Start Up	Additional Features
<b>Mobil Delvac Ultra™ 5W-30 Ultimate Protection V2</b>	Advanced Engine & Emission System Protection, Fuel Economy Formula Heavy-Duty 5W-30 Diesel Engine Oil	★★★★	★★★★	★★★★	★★★★	Biodiesel compatible DPF Compatible
<b>Mobil Delvac Ultra™ 5W-40 Ultimate Defense</b>	Ultimate Engine Protection	★★★★	★★	★★★★	★★★★	
<b>Mobil Delvac Modern™ 10W-40 Advanced Protection</b>	Advanced Engine and Emission System Protection	★★★★	★	★★★★	★★	Biodiesel compatible DPF Compatible
<b>Mobil Delvac Modern™ 10W-40 Super Defense V1</b>	Long Oil Drain 10W-40 Heavy-Duty Engine Oil	★★★★		★★★★	★★	

The above ratings compare the listed Mobil Delvac products to one another and are a general guide only and should not be used in place of correct matching of product to application and correct oil change interval indicated by use of OEM documentation, taking into account operating conditions and severity of service.














## DPF compatibility

Since Euro 6, modern trucks are equipped with a Diesel Particulate Filter and other after-treatment devices to protect both the environment and people. Therefore, the oil used has to be compatible. Low sulfur, low ash and low phosphorus oils protect the equipment. Our advanced additive systems are tested and demonstrate excellent protection.

Advanced engine oils for heavy-duty commercial, light commercial, agricultural and utility vehicles



# Engine oils for Commercial Vehicles

Engine Oils		
Diesel and Biodiesel Engine Oils		
	<p><b>Mobil Delvac Ultra™ 5W-30 Ultimate Protection V2</b> (Mobil Delvac 1™ LE 5W-30)</p> <p>Mobil Delvac Ultra 5W-30 Ultimate Protection v2 is an Advanced Synthetic Technology high performance heavy duty diesel engine oil that combines advanced engine protection for modern low emissions vehicles with enhanced fuel economy potential<sup>(1)</sup> and other sustainability-related benefits such as engine durability, emissions system protection and extended drain capability.</p>	 
	<p><b>Mobil Delvac Ultra™ 5W-40 Ultimate Protection V1</b> (Mobil Delvac 1™ ESP 5W-40)</p> <p>Mobil Delvac Ultra 5W-40 Ultimate Protection v1 is an ultimate full synthetic high performance heavy duty diesel engine oil with low Ash formula that helps extend engine life while providing long drain capability<sup>(2)</sup> and potential fuel economy<sup>(1)</sup> for modern and latest diesel engine technology operating in severe applications. This product meets or exceeds the requirements of the latest API and ACEA industry specifications for diesel engine oils, as well as the requirements of many major American, and European engine manufacturers.</p>	
	<p><b>Mobil Delvac Ultra™ 5W-40 Ultimate Defense</b> (Mobil Delvac 1™ 5W-40)</p> <p>Mobil Delvac Ultra 5W-40 Ultimate Defense is an advanced synthetic technology ultra high performance diesel engine oil that provides excellent lubrication including long drain capability, helping towards long engine life for diesel engines operating in severe applications.</p>	
	<p><b>Mobil Delvac Modern™ 5W-20 Advanced Protection</b> (Delvac™ XHP Ultra™ LE MN9 5W-20)</p> <p>Mobil Delvac Modern 5W-20 Advanced Protection is an extra high performance diesel engine oil engineered to provide outstanding protection and fuel economy potential in modern, high performance, low emissions engines used in severe on-highway applications. This engine oil is specifically designed to meet the latest MAN M 3977 and Scania LDF 5 requirements for modern diesel engines equipped with Diesel Particulate Filters (DPF).</p>	
	<p><b>Mobil Delvac Modern™ 5W-30 Fuel Efficient Plus V1</b> (Mobil Delvac™ XHP ESP FE 5W-30)</p> <p>Mobil Delvac Modern 5W-30 Fuel Efficient Plus V1 is an extra high performance advanced synthetic technology diesel engine oil engineered to provide outstanding protection and fuel economy potential<sup>(3)</sup> in modern, high performance, low emission engines used in severe on-highway applications. The base oils, the additive system, and the lowered film viscosity (HT/HS) contribute to fuel economy improvement potential.</p>	
	<p><b>Mobil Delvac Modern™ 5W-30 Extreme Protection</b></p> <p>Mobil Delvac Modern 5W-30 Extreme Protection is an extreme high performance diesel engine oil engineered to provide outstanding protection and fuel economy potential in modern, high performance, low emissions engines used in severe on-highway applications. It is formulated with advanced synthetic technology base oils and additive system which provide excellent low temperature fluidity, high temperature viscosity retention, volatility control and contribute to fuel economy improvement potential while prolonging the life and maintaining the efficiency of emission reduction systems such as the Diesel Particulate Filter (DPF).</p>	 



Biodiesel Compatible



Potential Fuel Economy

(1) Relative to an SAE 15W-40 engine oil - Actual fuel economy improvement is dependent on vehicle/equipment type, outside temperature, driving conditions and your current fluid viscosity.









(2) Please refer to the owners handbook for OEM application requirements and oil drain intervals for your vehicle or equipment.

(3) The fuel economy potential is based on experience of comparing the 5W-30 with a 10W-40 & 15W-40.

# Engine oils for Commercial Vehicles

## Engine Oils

### Diesel and Biodiesel Engine Oils

	<p><b>Mobil Delvac Modern™ 5W-30 Advanced Protection SCA</b> (Mobil Delvac™ XHP Ultra LE SCA 5W-30)</p> <p>Mobil Delvac Modern 5W-30 Advanced Protection SCA is an extra high performance advanced synthetic technology diesel engine oil engineered to provide outstanding protection and fuel economy potential in modern, high performance, low emissions engines used in severe on-highway applications. It is specifically designed to meet the Scania LDF-4 specification and can be used when ACEA E6 is requested.</p> <p>The advanced additive system has been expertly engineered to help prolong the life and maintain the efficiency of emission reduction systems such as the Diesel Particulate Filter (DPF).</p>	
	<p><b>Mobil Delvac Modern™ 5W-30 Advanced Protection V6</b> (Mobil Delvac XHP™ Ultra LE 5W-30 M)</p> <p>Mobil Delvac Modern 5W-30 Advanced Protection V6 is an extra high performance advanced synthetic technology diesel engine oil engineered to provide outstanding protection and fuel economy potential in modern, high performance, low emission engines used in severe on-highway applications. The advanced additive system has been expertly engineered to help prolong the life and maintain the efficiency of emission reduction systems such as the Diesel Particulate Filter (DPF).</p>	
	<p><b>Mobil Delvac Modern™ 10W-30 Full Protection</b> (Mobil Delvac™ MX ESP 10W-30)</p> <p>Mobil Delvac Modern 10W-30 Full Protection is a high performance synthetic technology diesel engine oil that helps extend engine life in the most severe on and off-highway applications while delivering outstanding performance in modern, high-output, low-emission engines including those with Exhaust Gas Recirculation (EGR) and Emission After Treatment Systems with Diesel Particulate Filters (DPFs) and Diesel Oxidation Catalysts (DOCs).</p>	
	<p><b>Mobil Delvac Modern™ 10W-40 Advanced Protection</b> (Mobil Delvac™ XHP ESP 10W-40)</p> <p>Mobil Delvac Modern 10W-40 Advanced Protection is an advanced synthetic technology, extra high performance diesel engine oil engineered to provide lubrication to modern, high performance, low emissions engines used in severe applications. The new advanced additive system has been expertly engineered to help towards long engine life and maintain the efficiency of emission reduction systems including the Diesel Particulate Filter (DPF).</p>	
	<p><b>Mobil Delvac Modern™ 10W-40 Super Defense V1</b> (Mobil Delvac XHP™ EXTRA 10W-40)</p> <p>Mobil Delvac Modern 10W-40 Super Defense V1 is an advanced synthetic technology extra high performance diesel engine oil engineered to provide outstanding lubrication to modern, high performance diesel engines used in severe on and off-highway applications. It is engineered to provide long oil drain intervals in modern diesel engines.</p>	



Biodiesel Compatible



Potential Fuel Economy

# Engine Oils for Commercial Vehicles

## Engine Oils

### Diesel and Biodiesel Engine Oils



#### Mobil Delvac Modern™ 10W-40 Super Defense

(Mobil Delvac MX™ Extra 10W-40)

Mobil Delvac Modern 10W-40 Super Defense is a high performance engine oil with Synthetic Technology that provides excellent lubrication of today's diesel and gasoline engines operating in severe applications to keep engines clean and promote long engine life. It is recommended by ExxonMobil for European, Japanese and American engines.



#### Mobil Delvac Modern™ 15W-40 Full Protection

(Mobil Delvac™ MX ESP 15W-40)

Mobil Delvac Modern 15W-40 Full Protection is a synthetic technology high performance diesel engine oil that helps extend engine life in the most severe on and off-highway applications while delivering outstanding performance in modern, high-output, low-emission engines including those with Exhaust Gas Recirculation (EGR) and Aftertreatment Systems with Diesel Particulate Filters (DPFs) and Diesel Oxidation Catalysts (DOCs).



#### Mobil Delvac Modern™ 10W-40 Full Protection V4

(Mobil Delvac™ HD 10W- 40)

Mobil Delvac Modern 10W-40 Full Protection V4 is high performance diesel engine oil with advanced synthetic technology that provides excellent lubrication to modern, high performance, low emissions engines used in severe applications. The proven advanced additive system has been expertly engineered to help towards long engine life and maintain the efficiency of emission reduction systems including the Diesel Particulate Filter (DPF).



#### Mobil Delvac Modern™ 15W-40 Super Defense V4

(Mobil Delvac™ MX 15W-40)

Mobil Delvac Modern 15W-40 Super Defense V4 is a high performance synthetic technology diesel engine oil that provides excellent lubrication of today's diesel engines promoting long engine life.

### Gas Engine Oil



#### Mobil Pegasus™ 1

Mobil Pegasus™ 1 is a high performance synthetic gas engine oil designed to meet the highest performance requirements of the most demanding naturally aspirated and turbocharged stoichiometric and lean-burn gas engines.

# Gear Oils for Commercial Vehicles

## Gear Oils

### Manual Transmission and rear axle



#### Mobilube 1™ SHC 75W-90

Mobilube 1™ SHC 75W-90 is a fully synthetic, high performance commercial gear lubricant formulated using advanced base oils and the latest technology additive system. This oil has excellent thermal and oxidation stability, high inherent Viscosity Index (VI), extremely low pour point, and outstanding low temperature fluidity.



#### Mobil Delvac Ultra™ Total Driveline 75W-90

Mobil Delvac Ultra™ Total Driveline 75W-90 is a fully synthetic drivetrain lubricant engineered to meet very demanding extended drain and warranty requirements. This product is designed for use in heavy-duty drivetrains that require gear lubricants with excellent load-carrying capability and where extreme pressures and shock loading are expected.



#### Mobilube™ S 80W-90

Mobilube™ S 80W-90 is an extra high performance drivetrain lubricant engineered to provide excellent lubrication for state-of-the-art, heavy-duty manual transmission components used in on-highway commercial vehicles and cars. Potential benefits include excellent shifting performance, good low temperature fluidity, and high temperature viscosity retention.

### Manual and automated transmission



#### Mobil Delvac 1™ Transmission Fluid 75W-80

Mobil Delvac 1™ Transmission Fluid 75W-80 is an extra high performance manual transmission lubricant engineered for the latest, European heavy-duty manual transmissions used in light to severe duty on-highway commercial vehicles. This transmission lubricant is a synthetic blend of base oils and an advanced additive system with excellent shifting performance, low temperature fluidity and high temperature viscosity retention.



#### Mobil Delvac 1™ Transmission Fluid V30

Mobil Delvac 1™ Synthetic Transmission Oil V30 is a fully synthetic, heavy-duty manual transmission lubricant engineered to meet demanding requirements. Recommended for year-round lubrication of manual transmissions in light to severe duty on- and off-highway equipment operating in a wide range of environments.



#### Mobil Delvac 1™ Transmission Fluid MBT 75W-90

Mobil Delvac 1™ Transmission Fluid MBT is an SAE 75W-90, fully synthetic manual transmission oil. Mobil Delvac 1 Transmission Fluid MBT 75W-90 has excellent viscosity/temperature characteristics.



#### Mobilube™ GX 80W-90, 140

Mobilube™ GX 80W-90, 140 are high performance, heavy-duty gear lubricants formulated from high quality base oils and an advanced additive system. These lubricants are engineered for automotive heavy-duty transmissions, axles, and final drives where protection against wear and scoring is required. They are recommended by ExxonMobil for use in applications where API GL-4 service is required.



#### Mobilube™ GX-A 80W

Mobilube™ GX-A 80W is an automotive gear lubricant formulated from high performance base oils and an advanced additive system. This lubricant is engineered for commercial transmissions, axles, and final drives where protection against wear and scoring is required.



# Gear Oils for Commercial Vehicles

## Gear Oils

### Gear Oils for rear axle



#### **Mobil Delvac 1™ Gear Oil 75W-90**

Mobil Delvac 1™ Gear Oil 75W-90 is a fully synthetic drivetrain lubricant engineered to meet very demanding extended drain and warranty requirements. This product is designed for use in heavy-duty drivetrains that require gear lubricants with excellent load-carrying capability and where extreme pressures and shock loading are expected.



#### **Mobil Delvac 1™ Gear Oil 75W-140**

Mobil Delvac 1™ Gear Oil 75W-140 is a fully synthetic drivetrain lubricant engineered to meet demanding performance requirements. This product is designed for use in heavy-duty drivetrains that require gear lubricants with relatively high viscosity and excellent load-carrying capability and where extreme pressures and shock loading are expected.



#### **Mobilube™ HD-A Plus 80W-90**

Mobilube™ HD-A Plus 80W-90 is engineered for commercial transmissions, axles, and final drives where extreme pressures and shock loading are expected. It is formulated from high performance base oils and an advanced additive system.



#### **Mobilube™ HD-A 85W-90**

Mobilube™ HD-A 85W-90 is a heavy-duty gear lubricant formulated from high performance base oils and an advanced additive system. This lubricant is engineered for commercial transmissions, axles, and final drives where extreme pressures and shock loading are expected.



#### **Mobilube™ HD 85W-140**

Mobilube™ HD 80W-90 and 85W-140 are high performance, heavy-duty gear lubricants formulated from high performance base oils and an advanced additive system. These lubricants are engineered for automotive applications including heavy-duty axles and final drives where extreme pressures and shock loading are expected.



#### **Mobilube™ HD 75W-90**

Mobilube HD 75W-90 is an SAE 75W-90 product meeting the requirements of API GL-5. It has been formulated using a combination of high quality base fluids with a highly shear stable Viscosity Index Improver.



#### **Mobilube™ HD 80W-90**

Mobilube™ HD 80W-90 and 85W-140 are high performance, heavy-duty gear lubricants formulated from high performance base oils and an advanced additive system. These lubricants are engineered for automotive applications including heavy-duty axles and final drives where extreme pressures and shock loading are expected.

# Gear Oils for Commercial Vehicles

## Gear Oils

### Gear Oils for limited-slip differentials



#### **Mobil Delvac 1™ Gear Oil LS 75W-90**

Mobil Delvac 1™ Gear Oil LS 75W-90 is a fully synthetic, limited-slip gear lubricant that been formulated from synthetic base oils and an advanced additive system. It is designed for use in light and heavy-duty drivetrains, it provides excellent load-carrying capability in axles and final drives where extreme pressures and shock loading are expected.



#### **Mobilube™ LS 85W-90**

Mobilube™ LS 85W-90 is an extra high performance, automotive gear lubricant formulated from select base oils and an advanced additive system specifically for limited-slip differentials.

### Gear Oils for automatic transmission & steering



#### **Mobil Delvac 1™ ATF**

Mobil Delvac 1™ ATF is a fully synthetic fluid recommended by Allison Transmission, Inc. approved against the Allison TES-295 Specification. The fluid is designed to meet the demanding requirements of modern heavy-duty automatic transmissions. The synthetic base oil composition enables excellent performance even in some of the harshest of operating conditions.



#### **Mobil Delvac 1™ ATF 668**

Mobil Delvac 1™ ATF 668 is a fully synthetic transmission fluid recommended by Allison Transmission, Inc. that is approved against the Allison TES 668® specification, and is backwards compatible for applications recommending Allison TES 295®. The fluid is designed to meet the demanding requirements of modern heavy duty automatic transmissions.



#### **Mobil ATF SHC™**

Mobil ATF SHC™ is a superior performance synthetic automatic transmission fluid designed to meet the demanding requirements of automatic transmissions operating in the severe, high-temperature, and heavy load applications. The inherently high viscosity index and stability of Mobil ATF SHC™ protects against thermal breakdown at high operating temperatures enabling outstanding low temperature performance at ambient temperatures below 40°C.



#### **Mobil ATF™ 320**







Mobil ATF™ 320 is an extra high performance automatic transmission fluid recommended for most passenger car and commercial automatic transmissions. It is also suitable for power steering systems, hydraulic applications and some manual transmissions where an automatic transmission fluid is specified.



#### **Mobil ATF™ 220**

Mobil ATF™ 220 is a high performance fluid for automatic transmissions in older vehicles specifying Dexron IID. It is also used as a hydraulic fluid in unique applications.

# Greases for Commercial Vehicles

Greases	
	<p><b>Mobilgrease™ Special</b></p> <p>Mobilgrease™ Special is a high performance extreme pressure lithium hydroxystearate grease. It is formulated to provide protection against wear, rust and corrosion, water washout and high temperature oxidation. It also contains molybdenum disulphide (moly) for added wear protection.</p>
	<p><b>Mobil™ Chassis Grease LBZ</b></p> <p>Mobil™ Chassis Grease LBZ is a semi-fluid grease based on synthetic oils in the consistency group NLGI 00-000. It was specifically developed for central lubrication systems for commercial vehicles. The product contains anti-oxidants, corrosion inhibitors, extreme pressure and anti-wear additives.</p>
	<p><b>Mobilux™ EP2</b></p> <p>Mobilux™ EP 2 is a high performance general-purpose industrial grease recommended for most types of industrial applications including heavy-duty applications where high unit pressures or shock loads are present. This lithium hydroxystearate grease is formulated to provide extra protection against wear, rusting and water washout.</p>
	<p><b>Mobilith SHC™ 220</b></p> <p>Mobilith SHC™ 220 is a multi-purpose, NLGI 2 extreme pressure grease recommended for heavy-duty automotive and industrial applications. It uses an ISO VG 220 synthetic base fluid. Mobilith SHC 220 has a recommended operating temperature range of -40° C* to 150° C.</p>
	<p><b>Mobilgrease XHP™ 322 Mine</b></p> <p>The Mobilgrease XHP™ Mine products are specifically designed for the lubrication of extra heavy-duty off-highway and mining equipment. With a complete range of NLGI Grades, this series of lithium complex greases, which contain 5% molybdenum disulfide, can be utilized over a wide range of operating conditions and temperatures to improve productivity. Mobilgrease XHP 322 Mine was developed especially for its superior performance in bucket pins, pivot pins, and heavily loaded chassis components.</p>
	<p><b>Mobilgrease XHP™ 222</b></p> <p>Mobilgrease XHP™ 222 Special is an extreme pressure grease fortified with 0.75% molybdenum disulfide that provides protection from wear under conditions pivoting and other conditions that lead to loss of oil film. It is designed for a wide range of applications including the industrial, automotive, construction and marine sectors.</p>

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**Mobil Delvac™**