

Mobil Delvac MX ESP 15W-40

Advanced Technology for long engine life

Although new low-emission engines with aftertreatment devices will become increasingly common, EGR engines without aftertreatment devices and even older conventional engines will continue to exist on highways, construction sites and quarries for some time to come.

Backed up by more than 12 million kilometers of field test research using this advanced technology, we are confident that Mobil Delvac MX ESP 15W-40 will provide long engine life benefits when compared to API CI-4 PLUS oils for both new and older engines.

- **Meets or exceeds API CJ-4 requirements making it the product of choice for selected DPF engines requiring this performance claim.**
- **Exceeds API CI-4 PLUS, CI-4 and CH-4 requirements making it backwards compatible for use in older engines.**
- **Meets the requirements of API SM and SL making it ideal for customers with both new and old gasoline engines.**
- **New Mobil Delvac MX ESP 15W-40 has a range of advantages and potential benefits:**
 - Increased soot-viscosity control. The advanced formulation technology provides improved soot-viscosity control for more efficient operation, contributing to long engine life and long oil life.
 - Improved abrasive and corrosive wear protection. Mobil Delvac MX ESP 15W-40 shows excellent wear protection for long engine life and sustained engine efficiency.
 - Optimised oil consumption control. With improved oil consumption control, less top-up oil is required during operation, which provides a benefit of reduced oil costs.
 - Superior oxidative resistance. Better oxidative resistance results in less oil thickening and greater resistance to thermal breakdown.
 - Maximised oil drain intervals. Outstanding TBN (Total Base Number) Retention for sustained oil drain intervals.
 - Exceptional deposit control for less wear, sustained engine power and efficiency, and less oil consumption.

Altogether, these qualities add up to enhanced performance, long engine life, and low total maintenance costs.

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For more technical information on these and other Mobil lubricants, contact the Mobil Technical Help Desk at: +420 221 456 426 or via TechDeskEurope@exxonmobil.com



ExxonMobil
Lubricants & Specialties

Our proprietary recipe for Long Engine Life



Mobil Delvac MX ESP 15W-40 is recommended for low emission high performance diesel engines where API CJ-4 oils are required.

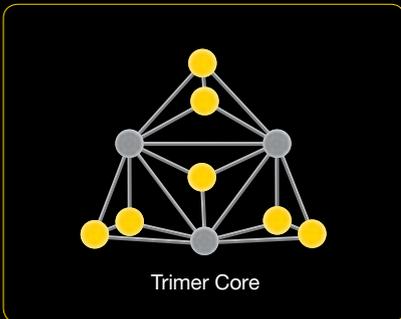
In particular it is specially formulated for engines equipped with DPF/ DOC emission reduction technology and is suitable for mixed fleets, on and off-highway applications.

Delivering exceptional performance through technology

Once again, we have tapped into the strength of Mobil Delvac's unique technology with state-of-the-art Trimer componentry.

Delivering performance beyond the boundaries of industry requirements of API CJ-4, this quantum leap formulation brings:

- Robust chemical structure to enable long engine life
- Outstanding wear protection advantages
- Effective oxidation resistance, even under severe conditions
- Improved frictional properties



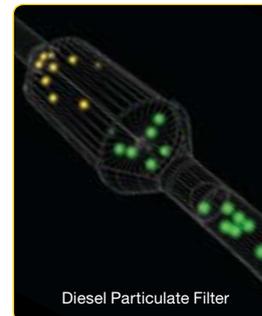
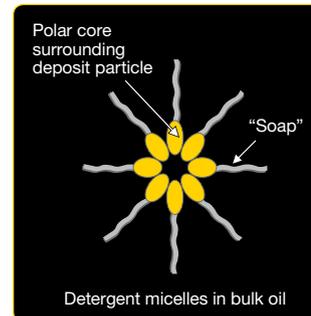
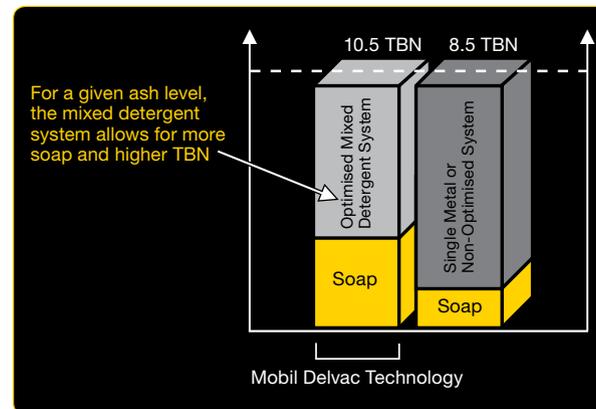
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Delivering unique performance through a mixed detergent system

Detergents in engine oils are mainly comprised of two parts – the ‘base’, also known as TBN (Total Base Number), which neutralises acids to protect against corrosion, and the ‘soap’, which cleans engine surfaces just like a hand soap cleans skin.

Mobil Delvac MX ESP's mixed detergent system allows for more soap to protect against deposit formation.

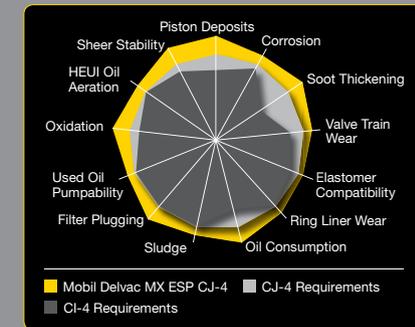
Combining the optimised detergent system with an overall balanced formula not only allows for a higher starting TBN to protect against acid attack and corrosion but also offers potential for improved protection throughout the drain.



Mobil Delvac MX ESP 15W-40

Overall super performance

In keeping with our commitment to be at the forefront of engine oil innovations, we have developed lubricants that meet or exceed industry specification and equipment manufacturer requirements, and offer outstanding performance to enable long life.



It meets or exceeds the following specifications:

- API CJ-4/CI-4 Plus/CI-4/CH-4/CF/CF-2/SM/SL
- ACEA E9/E7
- Caterpillar ECF-3
- Cummins CES 20081
- Detroit Diesel DDC Power Guard Oil Specifications 93K214 & 93K218
- Mack EO-O Premium Plus & EO-N Premium Plus 03
- JASO DH-2
- MB-Approvals 228.3 & 228.31
- Volvo VDS-4/VDS-3/VDS-2
- Renault RVI RLD-3
- MAN M3275
- Deutz DQC II-05