



## MOBIL DELVAC™ 1300 SUPER SERIES

Mobil Commercial Vehicle Lube , Canada

Premium Synthetic Blend Diesel Engine Oil

### Product Description

Mobil Delvac™ 1300 Super 15W-40 and 10W-30 are advanced, premium synthetic blend, diesel engine oils that help extend engine life, allowing you to run your business with confidence. These products meet or exceed original equipment manufacturer (OEM) requirements and deliver high performance in both on and off-highway applications.

Fully backward compatible, Mobil Delvac 1300 Super delivers exceptional performance in both newer and older heavy duty engine designs. Accordingly, these oils meet or exceed the requirements of API CK-4, CJ-4, CI-4 PLUS, CI-4 and CH-4 service categories, as well as key OEM requirements. Mobil Delvac 1300 Super oils are universal, meaning they may also be used in gasoline engines requiring the API SP specification.

Mobil Delvac 1300 Super is a tailored formulation that delivers excellent wear and engine protection, extended drain capability, outstanding high temperature performance and engine cleanliness. Developed in close collaboration with major OEMs, Mobil Delvac 1300 Super is recommended for use in a wide range of heavy duty applications and operating environments in the trucking, mining, construction, agricultural and marine industries.

### Features and Benefits

Mobil Delvac 1300 Super is formulated with optimized base oil technology, containing severely hydro-processed base stocks and a tailored additive system to deliver extended performance for up to 50% beyond OEM-recommended oil drain intervals<sup>1</sup>. This proprietary formulation delivers excellent wear protection, outstanding oxidation stability, and outstanding TBN retention. Mobil Delvac 1300 Super also provides outstanding resistance to oil consumption, oxidation, corrosive and abrasive wear, and high temperature deposits.

Mobil Delvac 1300 Super 10W-30 has the potential to improve fuel economy<sup>2</sup>.

| Features  | Advantages and Potential Benefits  |
|---|--|
| Meets demanding specifications of key OEMs and latest API gasoline service category | One engine oil for mixed fleet operations  |
| Outstanding oxidation stability   | Extended ODI capability. Reduced low temperature sludge build-up and high temperature deposits |
| Excellent soot and viscosity control  | Greater engine efficiency, long engine life and long oil life                                  |
| Excellent oil consumption control   | Lower oil costs due to less make-up oil during operation                                       |
| Outstanding TBN reserves  | Corrosion protection and extended drain intervals for both new and old engines                 |
| Low temperature fluidity and pumpability  | Formulated for smooth starting in cold weather   |
| Resistance to corrosive and abrasive wear   | Long life of critical wear surfaces  |
| Component compatibility   | Long gasket and seal life  |
| Low ash formulation meeting API CK-4 and CJ-4 requirements                          | Long emissions aftertreatment life (DPF, DOC and SCR)  |

### Applications

- Recommended for the latest heavy duty diesel engines, including those equipped with aftertreatment systems and EGR.
- Recommended for diesel applications using older and naturally aspirated conventional designs.

- On-highway heavy-duty trucking and off-highway applications including trucking, mining, construction, agriculture and marine.
- On-highway applications operating in both high speed/high load and short haul pick-up/delivery service.
- Off-highway applications operating in severe low speed/heavy load conditions using up to 500 ppm sulfur fuels.
- High performance gasoline engines requiring API SP and mixed fleet operations.
- Diesel-powered equipment from American, European and Japanese OEMs.

(1) Results may vary based on vehicle/engine condition, driving and environmental conditions Consult OEM or ExxonMobil before implementing extended ODIs.

(2) Compared to a SAE 15W-40 conventional engine oil. Savings are dependent on vehicle engine type, outside temperature, driving conditions, and your current engine oil viscosity.

### Specifications and Approvals

| <b>This product has the following approvals:</b> | <b>10W-30</b> | <b>15W-40</b> |
|--|---------------|---------------|
| Detroit Fluids Specification 93K218              | X             | X             |
| Detroit Detroit Fluids Specification 93K222      | X             | X             |
| DQC II-18 LA                                     | X             | X             |
| Ford WSS-M2C171-F1                               | X             |               |
| Mack EO-N Premium Plus 03                        |               | X             |
| Mack EO-O Premium Plus                           | X             | X             |
| MACK EOS-4.5                                     | X             | X             |
| MB-Approval 228.31                               | X             | X             |
| RENAULT TRUCKS RLD-3                             | X             | X             |
| VOLVO VDS-2                                      |               | X             |
| VOLVO VDS-3                                      | X             | X             |
| VOLVO VDS-4                                      | X             | X             |
| VOLVO VDS-4.5                                    | X             | X             |

| <b>This product is recommended for use in applications requiring:</b> | <b>10W-30</b> | <b>15W-40</b> |
|---|---------------|---------------|
| API CF  | X             | X             |
| API CF-2  |               | X             |
| API CF-4  |               | X             |
| API CG-4  | X             | X             |
| MAN M 3275-1  |               | X             |

| <b>This product is recommended for use in applications requiring:</b> | <b>10W-30</b> | <b>15W-40</b> |
|---|---------------|---------------|
| MAN M 3575  | X             | X             |
| VOLVO VDS-2   |               | X             |

| <b>This product meets or exceeds the requirements of:</b> | <b>10W-30</b> | <b>15W-40</b> |
|---|---------------|---------------|
| API CH-4  | X             | X             |
| API CI-4  | X             | X             |
| API CI-4 PLUS   | X             | X             |
| API CJ-4  | X             | X             |
| API CK-4  | X             | X             |
| API SL  |               | X             |
| API SM  | X             | X             |
| API SN  | X             | X             |
| API SP  | X             | X             |
| JASO DH-2   | X             | X             |
| ACEA E7   | X             | X             |
| ACEA E9   | X             | X             |
| Cummins CES 20081   | X             | X             |
| Cummins CES 20086   | X             | X             |
| Caterpillar ECF-3   | X             | X             |
| ISUZU DEO (w/ DPD Equipped Vehicles)                      | X             | X             |

#### Properties and Specifications

| <b>Property</b>   | <b>10W-30</b> | <b>15W-40</b> |
|---|---------------|---------------|
| Grade   | SAE 10W-30    | SAE 15W-40    |
| Ash, Sulfated, mass%, ASTM D874                                       | 0.9           | 0.9           |
| Density @ 15 C, g/ml, ASTM D1298                                      | 0.867         | 0.875         |
| Flash Point, Cleveland Open Cup, °C, ASTM D92                         | 218           | 225           |
| Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683 | 3.6           | 4             |
| Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445            | 12            | 14            |

| Property  | 10W-30 | 15W-40 |
|---|--------|--------|
| Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445 |        | 109    |
| Pour Point, °C, ASTM D97                                  | -33    | -33    |
| Total Base Number, mgKOH/g, ASTM D2896                    | 9.6    | 9.4    |

## 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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## Imperial Oil

Petroleum and Chemicals Division

Lubricants and Specialties

240 Fourth Ave SW

C. P. 2480, Station M

Calgary AB T2P 3 M 9

1-800-268-3183

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)

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