



# Ursa Heavy Duty

## SAE 15W-40 and SAE 20W-50

### Heavy-duty multigrade engine oils

#### Product description

Ursa® Heavy Duty multigrade engine oils are designed to conform to ACEA, API and original equipment manufacturers performance standards for heavy duty diesel engines.

Ursa Heavy Duty multigrade engine oils are formulated with premium quality base oils and selected additive technologies to help provide good durable service and performance.

#### Customer benefits

- Designed for reduced low temperature sludge and protection against high temperature oxidation and piston deposit formation
- Formulated for detergency performance and acid control to help maintain reliability, preventing engine and bearing corrosion
- Promotes engine service life by helping protect against wear and bore polishing

#### Product highlights

- **Designed for sludge and oxidation resistance**
- **Formulated to help engine corrosion protection**
- **Promotes engine service life**

#### Selected specification standards include:

ACEA	API
Cummins	Deutz
Daimler Trucks	MAN
MTU	Volvo

## Applications

Ursa Heavy Duty multigrades are developed for use in heavy duty engine operations, in both on and off highway service. They are designed for turbocharged and naturally aspirated diesel engines in various types of service, including engines used in heavy-duty trucks, construction, mining and farming equipment.

Ursa Heavy Duty SAE 15W-40 can also be used in mixed fleet (gasoline and diesel) engines.

Ursa Heavy Duty SAE 15W-40 and 20W-50 also provide protection in engines where oils are recommended meeting the former CCMC D4, PD2 and G4.

## Approvals, performance and recommendations

### Approvals

- Deutz DQC II-18
- Daimler Trucks DTFR 15B110  
(previously known as MB 228.3)
- MTU Oil Category 2  
(for SAE 15W-40, approval request submitted)

### Performance

- API CI-4, CH-4, CG-4, CF-4, SL
- ACEA E2-96 issue 5  
A3/B3
- Cummins CES 20076
- MAN M3275-1\*

### Suitable for use

- API CE, CD, CF
- Mercedes Benz MB 229.1
- Volvo VDS

\* Approvals obtained can be no longer extended since obsolete by MAN

## Typical test data

Test	Test Methods	Results	
Viscosity Grade		SAE 15W-40	SAE 20W-50
<b>Shelf Life: 60 months from date of filling indicated on the product label</b>			
Density at 15°C, kg/l	ASTM D4052	0.870	0.879
Kinematic viscosity at 40°C, mm <sup>2</sup> /s	ASTM D445	111	169
Kinematic viscosity at 100°C, mm <sup>2</sup> /s	ASTM D445	14.4	18.6
Viscosity Index	ASTM D2270	132	123
Pour point, °C	ASTM D5950	-42	-36
Flash point COC, °C	ASTM D92	235	252
Sulphated Ash, %wt	ASTM D874	1.3	1.3

The typical test data set out above does not constitute a specification. It is indicative only and can be affected by allowable production tolerances. Chevron may modify this test data. Modified data will supersede all previous data, so please ensure you refer to the latest version of this Product Data Sheet (PDS).

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