



# Ursa Heavy Duty

## SAE 10W, 20W-20, SAE 30 and SAE 40

### Heavy-duty monograde engine oils

#### Product description

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

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

#### Customer benefits

- Designed to protect against low temperature sludge and high temperature oxidation and piston deposit formation
- Formulated for detergency and acid control to help protect against engine and bearing corrosion
- Promotes engine life by helping protect against wear and bore polishing

#### Product highlights

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

#### Selected specification standards include:

API	ACEA
MAN	Mercedes Benz
MTU	Volvo

## Applications

Ursa Heavy Duty monogrades 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 monogrades can also be used – after consultation with the OEM manual – in some specific hydraulic systems and transmissions.

## Approvals, performance and suitable for use

### Approvals

- Volvo 97305 (SAE 40)

### Performance

- API CF
- ACEA E2 (SAE 30 and 40)
- MAN M3275-2 (SAE 30 and 40)
- Mercedes Benz MB 228.2 (SAE 30 and 40)

### Suitable for use

- MAN 270 (SAE 10W)

Typical test data					
Test	Test Methods	Results			
		SAE 10W	20W-20	SAE 30	SAE 40
Viscosity Grade					
<b>Shelf Life: 60 months from date of filling indicated on the product label</b>					
Density at 15°C, kg/l	ASTM D4052	0.871	0.874	0.876	0.879
Kinematic viscosity at 40°C, mm <sup>2</sup> /s	ASTM D445	51.4	64.5	84.4	128
Kinematic viscosity at 100°C, mm <sup>2</sup> /s	ASTM D445	7.8	9.0	10.8	14.3
Viscosity Index	ASTM D2270	118	116	113	110
Pour point, °C	ASTM D5950	-45	-42	-39	-36
Flash point COC, °C	ASTM D92	242	254	240	252
Total Base Number, mg KOH/g	ASTM D2896	7.8	7.8	8.5	7.8
Sulphated Ash, %wt	ASTM D874	1.1	1.1	1.3	1.1

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).

**Disclaimer: Data provided in this Product Data Sheet (PDS) is based on standard tests under laboratory conditions and is indicative only. This product should not be used for any purpose other than those expressly set out in this PDS. The user has sole responsibility for verifying that this product is suitable for the user's intended application. Neither Chevron nor its subsidiaries (i) make any warranty or representation as to the accuracy or completeness of this PDS; and/or (ii) accept liability for any loss or damage suffered as a result of the use of this product other than in accordance with the terms of this PDS.**

When disposing of used product, take care to protect the environment and follow local legislation.

Safety Data Sheets (SDS's) are available for all Chevron products. If you require a SDS or any further information regarding a Chevron product, please contact your local sales office or see [www.texacolubricants.com](http://www.texacolubricants.com).

A Chevron company product