



# Delo<sup>®</sup> 100 Motor Oil SAE 40

Heavy-duty monograde engine oil (Supersedes Ursa Extra Duty 40)

## Product description

Delo 100 Motor Oil SAE 40 is a heavy-duty monograde engine oil designed for use in heavy-duty two-stroke diesel (Detroit Diesel) low ash engines operating in on- and off-highway service.

Formulated with proven quality base stocks, Delo 100 Motor Oil SAE 40 is designed to meet the specific lubrication requirements of this engine type, and combines detergent, rust and corrosion inhibitors with anti-wear agents for effective engine protection.

## Customer benefits

- Offers protection against high temperature oxidation, oil thickening and harmful deposit formation in older engines
- Extreme pressure anti-wear performance helps protect critical valve train components, optimising uptime
- Promotes protection against rust, corrosion, varnish, and sludge and helps keep oil screens, filters, and rings clean

## Applications

- Delo 100 Motor Oil SAE 40 is recommended for use in older two- and four-stroke diesel engines in farm machinery, construction equipment, marine, and other off-highway applications where an SAE 40 grade is specified by the OEM
- Delo 100 Motor Oil SAE 40 is specifically recommended for Detroit Diesel two-stroke series 53, 71, 92 and 149 engines
- See Detroit Diesel's latest crankcase recommendations for more details

## Product highlights

- **Engine cleanliness and deposit control**
- **Rust and corrosion resistance**
- **Maintains oil pressure**

### Selected specification standards include:

API

Detroit Diesel

- Delo 100 Motor Oil SAE 40 utilises reliable technology to provide robust performance in older engines running on ultra-low sulphur diesel fuels
- Delo 100 Motor Oil SAE 40 may also be used in industrial applications such as: gear drives, pump chains, or where a detergent type engine oil is required. However, the user is advised to consult the relevant manufacturer for their recommendations

## Approvals, performance and recommendations

### Performance

- API CF-2, CF

### Recommendations

- Detroit Diesel Two-stroke series 53, 71, 92 and 149 engines

Typical test data		
Test	Test Methods	Results
Viscosity Grade		SAE 40
<b>Shelf Life: 60 months from date of filling indicated on the product label.</b>		
Density at 15°C, kg/l	ASTM D4052	0.889
Kinematic viscosity at 40°C, mm <sup>2</sup> /s	ASTM D445	131
Kinematic viscosity at 100°C, mm <sup>2</sup> /s	ASTM D445	14.50
Viscosity Index	ASTM D2270	109
Pour point, °C	ASTM D5950	-24
Flash point COC, °C	ASTM D92	270
Total Base Number, mg KOH/g	ASTM D2896	7.3
Sulphated Ash, %wt	ASTM D0874	0.8

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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