

# Delo 400 XSP SAE 5W-20

## Premium performance heavy duty synthetic engine oil

### Product description

Delo® 400 XSP SAE 5W-20 is a premium performance synthetic heavy duty engine oil designed to provide robust protection and optimum fuel economy potential in modern, high performance, low emissions engines used in severe on-highway applications. This heavy-duty diesel engine oil is specifically designed for MAN and SCANIA Euro VI-d commercial vehicle engines with modern exhaust after treatment systems.

Delo 400 XSP SAE 5W-20 features advanced ISOSYN® technology to help prolong the life and maintain the efficiency of emission reduction system such as diesel particulate filters (DPF) and helps to meet the latest Euro VI-d emission requirements.

### Customer benefits

- Designed to optimise fuel economy performance while helping maintain reliable component wear protection and engine service life
- Low viscosity synthetic base oil technology promotes cold start-ups in sub-zero temperatures
- Designed to help minimise wear, scuffing, bore polishing and soot dispersancy, helping reduce maintenance downtime and cost
- Low-ash additives offer protection to diesel particulate filters, exhaust gas recirculation and catalytic converter systems
- Promotes the reliable functioning of engine aftertreatment systems over entire system lifetime
- High performance additives and base stocks offer wear protection, oxidation, sludge and oil thickening control, helping extend oil drain



### Product highlights

- **Designed to optimise fuel economy**
- **Promotes sub-zero start-ups**
- **Designed to help minimise engine wear**
- **Offers protection for exhaust aftertreatment systems**
- **Helps extend oil drain periods**

#### Selected specification standards include:

MAN

Scania

## Applications

Delo 400 XSP SAE 5W-20 has been specially developed for use in MAN and Scania Euro VI-d commercial vehicle engines and is recommended for use in:

- Latest generation MAN trucks and buses requiring MAN M3977 approved engine oils such as (a) vehicle types E, F, J & K with D26 and D38 engines equipped with EGR & SCR+CRT and (b) D2676 & D3876 engines\*
- Scania engines where LDF-5 is required, as well as the latest 13-litre Scania engines: DC13 173, DC13 174, DC13 175 and DC13 176\*
- On-highway light and heavy-duty trucks
- Modern heavy-duty engines equipped with Diesel Particulate Filters (DPFs) in line with the owner manual recommendations

Delo 400 XSP SAE 5W-20 may not be used in engines requiring older or other specifications of engine oil since this can cause engine issues

\* Always check OEM guidelines

## Approvals, performance and suitable for use

### Approvals

- MAN M3977 (approval request submitted)
- Scania LDF-5 (approval request submitted)

Typical test data		
Test	Test Methods	Results
Viscosity Grade		SAE 5W-20
<b>Shelf Life: 60 months from date of filling indicated on the product label</b>		
Density at 15°C, kg/l	ASTM D4052	0.853
Kinematic viscosity at 40°C, mm <sup>2</sup> /s	ASTM D445	47
Kinematic viscosity at 100°C, mm <sup>2</sup> /s	ASTM D445	8.1
Viscosity Index	ASTM D2270	146
Pour point, °C	ASTM D97	-42
Flash point COC, °C	ASTM D92	229
Total Base Number, mg KOH/g	ASTM D2896	13
Sulphated Ash, %wt	ASTM D874	1.0

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

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Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

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