

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.

Delo 400 XSP SAE 5W-20 features advanced ISOSYN® technology, which uses high performance low SAPS additive systems. It meets latest MAN M3977 requirements for modern diesel engines with diesel particulate filters (DPF), and helps to meet 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

Applications

Delo 400 XSP SAE 5W-20 has been specially developed for use in MAN Euro VI-d commercial vehicles 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*
- 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 recommendations

Approvals

- MAN M3977

Typical test data		
Test	Test Methods	Results
Viscosity Grade		SAE 5W-20
Shelf Life: 60 months from date of filling indicated on the product label		
Density at 15°C, kg/l	ASTM D4052	0.853
Kinematic viscosity at 40°C, mm ² /s	ASTM D445	47
Kinematic viscosity at 100°C, mm ² /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).

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.

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.

A **Chevron** company product