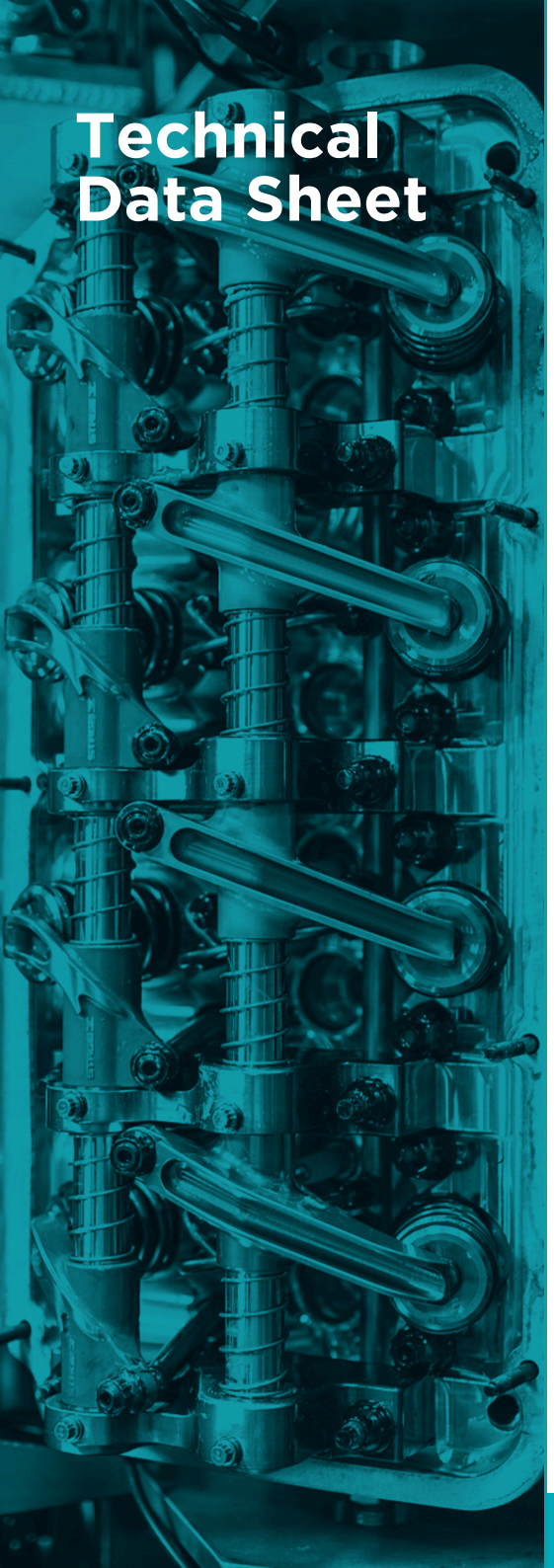


Technical
Data Sheet

premium lubricants

DEX QM MOTOR 10W40

Synthetic Heavy-Duty Diesel Engine Oil

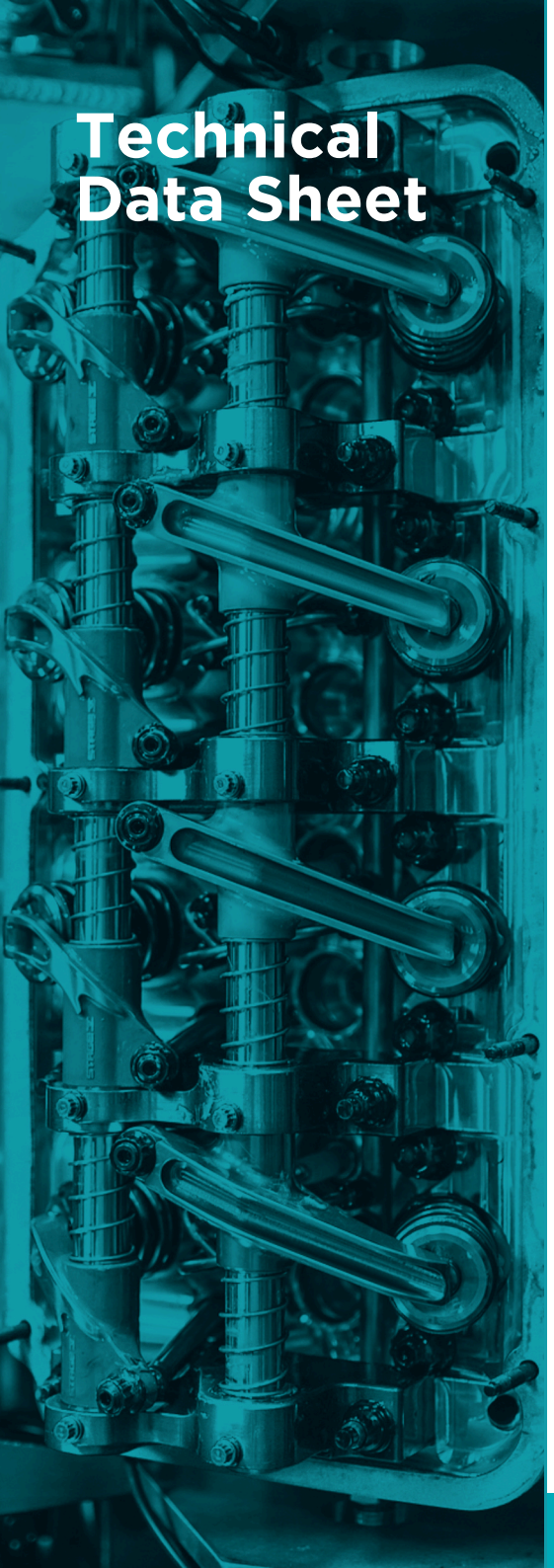
DEX QM MOTOR 10W40 is a fuel conserving super high performance “MID SAPS” oil based on 100% synthetic technology designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year and running on low Sulphur Diesel Fuel (max. 50 ppm).

Main applications

Performance, Features & Benefits

DEX QM MOTOR 10W40 is formulated for use in Euro-5 and Euro-6 engines equipped with Diesel Particle Filter (DPF). This product is also suitable for vehicles equipped with EGR and/or SCR after treatment systems. **DEX QM MOTOR 10W40** is formulated on high refined synthetic base stock in combination with a special additive package to reach the following propertie

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against “Bore Polishing”.
- Extended drain intervals.
- Suitable for engines equipped with a Diesel Particle Filter (DPF).
- Fuel conserving.
- Excellent low temperature properties.
- Outstanding load carrying capability.



Technical Data Sheet

Specifications, approvals and recommendations

DEX QM MOTOR 10W40 exceeds the following performance criteria:

ACEA E9/E6/E7/E4
MAN M3271-1 / M3477 / M3775
Deutz DQC IV-18 LA
Cat ECF-3

API CK-4
MTU Type 2.1/3.1
Detroit 93K222
RVI RLD-4

MB 228.31/228.51
Cummins CES 20086
Scania Low-Ash
Jaso dh-2-17

Approval #: 417-0003-21-1138

Volvo VDS-4.5

Mack EOS-4.5

Typical Analysis*

Properties		Unit	Method	Typical Value
SAE grade (viscosity class)			SAE J3000	10W40
Density	@15°C	kg/m^3	ASTM4052	863
Kinematic Viscosity	@40°C	mm^2/s	ASTM D7042	87,1
Kinematic Viscosity	@100°C	mm^2/s	ASTM D7042	13.7
Viscosity Index			ASTM D2270	160
Viscosity CCS, max.	@-25°C	cP	ASTM D5293	7000
Flash Point COC, min		°C	ASTM D92	> 201
Pour Point		°C	ASTM D7346	-36
Total Base Number		mgKOH/g	ASTM D664	13,4
FZG Fail Load Stage, min			DIN D5182	14

*These characteristics are typical of current production. Whilst future production will conform to DEX's specification, variations in these characteristics may occur.