

Q8 Formula Truck 8600 10W-40

Description

Ultra High Performance Synthetic Heavy Duty engine oil with Low Sulphated Ash, Phosphorus and Sulphur content (Low SAPS) designed for lubrication of latest Euro VI engines.

Application

- For Euro IV, Euro V and Euro VI diesel engines equipped with a diesel particulate filter (DPF) or catalytic after treatment systems (such as SCR) operating on low sulphur diesel fuel (50 ppm or below) and under severe heavy duty conditions.
- Highest 13 TBN in-class for excellent control of acid formation and long drain performance
- For ACEA E4 High TBN applications
- Best in-class bio-fuel compatibility for excellent cold starting properties.
- Extended oil drain intervals as indicated by the OEM for high quality diesel engine oils can be applied.
- For ACEA E4, E6, ACEA E7, ACEA E9 and API CJ-4 applications.

Specifications

ACEA E4/ E6 / E7 / E9
API CJ-4
JASO DH-2

OEM Approvals

MB 228.51 (pending approval)
Deutz DQC IV-10 LA
MTU Type 3.1(pending approval)
Renault RLD-3
Volvo VDS-4
Cummins 20081
Mack EO-O Premium Plus
Scania LA (Low Ash) (pending approval)
MAN M 3271-1 /M 3575 /M 3477

Recommendations

MB 228.31
Volvo VDS-3
DAF Extended Drain
Iveco E6 Long Drain
Caterpillar ECF-3
Detroit Diesel 93K218

Benefits

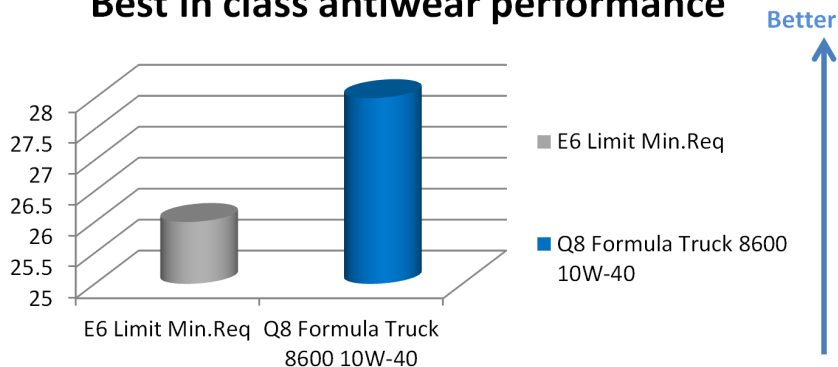
- Product specially developed to cover ACEA E4, E6, ACEA E7, ACEA E9 and API CJ-4 applications.
- Provides enhanced durability reducing wear and corrosion
- Excellent bio-fuel compatibility for optimized cold starting properties.
- Minimizes diesel particulate filter (DPF/CRT) plugging
- Protects catalytic after treatment systems (SCR)
- Excellent cold starting properties due to low pour point
- Excellent protection against bore polishing and cam wear
- Offers prolonged oil drain intervals and reduces maintenance costs
- Provides quick lubrication after cold starting thus limiting engine wear
- Prevents engine fouling due to combustion soot

Properties	Method	Unit	Typical
Viscosity Grade			SAE 10W-40
Absolute Density, 15 °C	D 1298	kg/m ³	859
Kinematic Viscosity, 40 °C	D 445	mm ² /s	89.7
Kinematic Viscosity, 100 °C	D 445	mm ² /s	13.6
Viscosity Index	D 2270	-	153
Borderline Pumping Temperature	D 3829	°C	-30
Flash Point	D 93	°C	226
Pour Point	D 97	°C	-33
Total Base Number	D 2896	mg KOH/g	13.3
Sulfated Ash Content	D 874	% mass	1.0

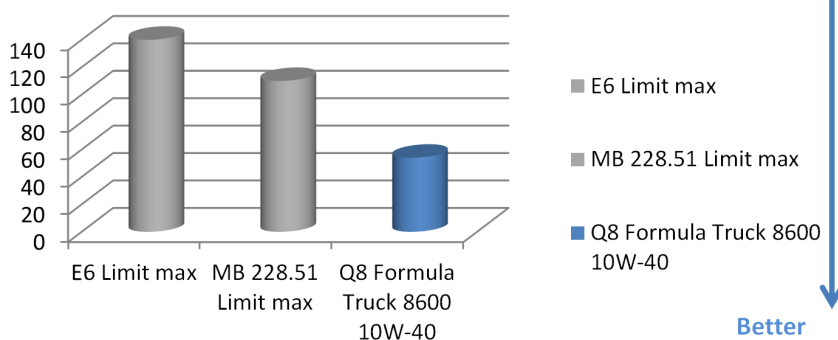
The figures above are not a specification. They are typical figures obtained within production tolerances.



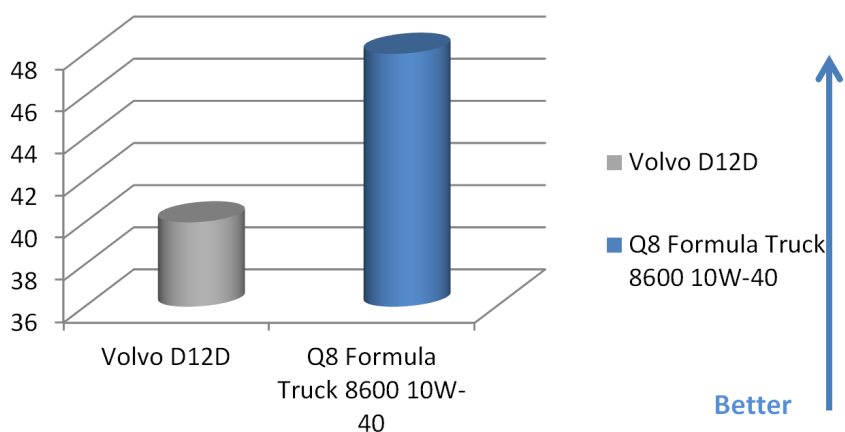
OM 501LA Piston Cleanliness, Merit Best in class antiwear performance



OM 646LA Cam Wear Outlet (Average Maximum Wear 8 Cams), μm



Volvo D12D piston cleanliness



Mack T-12 oxidation

