Q8 Formula Truck 8700 FE 5W-30

Description
Ultra High Performance Synthetic Fuel Saving 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.
- Best in-class bio-fuel compatibility for excellent cold starting properties.
- For Fuel Economy Improvements up to 1.3%.
- Extended oil drain intervals as indicated by the OEM for high quality diesel engine oils can be applied.
- For ACEA E6, ACEA E7, ACEA E9 and API CJ-4 applications.

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

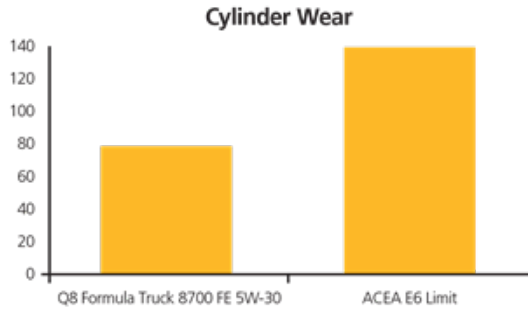
OEM Approvals
MB Approval 228.31/ 228.51 /235.28
MAN M 3271-1 / M 3477 / M 3677
MTU Type 3.1
Volvo VDS-3 / VDS-4 / CNG
Renault RLD-2 /RLD-3
Mack EO-N Plus / Mack EO-O Premium Plus
MTU Type 3.1
Deutz DQC IV-10 LA

Recommendations
Cummins CES 20081
Caterpillar ECF-3
DAF Extended Drain
Volvo CNG
Renault RXD / RGD
Mack EO-M
Iveco E6 / E9
Voith Oil class B retarder

Benefits
- Product specially developed to cover ACEA E6, ACEA E7, ACEA E9 and API CJ-4 applications.
- Provides enhanced durability reducing wear and corrosion
- Offers Fuel Economy Improvements up to 1.3 %
- Low Viscosity SAE 5W-30 grade saves fuel consumption during warming-up phase and operating conditions
- 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 5W-30
Absolute Density, 15 °C	D 1298	kg/m³	855
Kinematic Viscosity, 40 °C	D 445	mm²/s	71.3
Kinematic Viscosity, 100 °C	D 445	mm²/s	11.9
Viscosity Index	D 2270	-	164
Borderline Pumping Temperature	D 3829	°C	-45
Flash Point	D 93	°C	226
Pour Point	D 97	°C	-48
Total Base Number	D 2896	mg KOH/g	10.0
Sulfated Ash Content	D 874	% mass	1.0

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


Cylinder Wear
140
120
100
80
60
40
20
0
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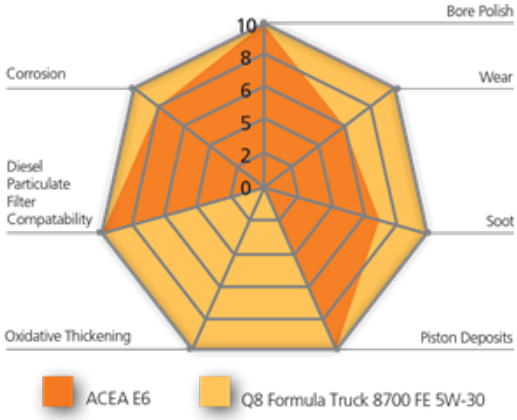
ACEA E6 Limit


Bore Polish
Wear
Soot
Piston Deposits
Oxidative Thickening
Diesel Particulate Filter Compatability
Corrosion
10
8
6
5
2
0
ACEA E6
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