

15W-40 E7 HD Pro

Description and Properties:

15W-40 E7 HD Pro is a high performance motor oil for modern heavily stressed diesel engines inclusive turbo charger. Because of its outstanding additive technology it also comes up to the most severe requirements of gasoline engines. This makes it being excellent provider for mixed-fleet.

15W-40 E7 HD Pro gives following advantages:

- excellent thermal/oxidative stability reduces sludge built-up und deposits
- allows maximum oil drain intervals by highest TBN-reserve.
- minimizes efficiently bore polishing.
- reduces oil aging, even at high temperatures.
- best seal and elastomer compatibility
- an all-seasons oil for mixed-fleet.

15W-40 E7 HD Pro is especially recommended for fleets operating in severe on and off-highway service applications.

Specification / Recommendations:

ACEA E7	CAT ECF-1 / ECF-2	GLOBAL DHD-1
API CI-4/SL	CUMMINS CES 20077 / 20078	JASO DH-1
VOLVO VDS-3	DETROIT DIESEL 93K215	MACK EO-N / EO-M PLUS
MAN M 3275	MTU Type 2.0	RENAULT RLD / RLD-2
MB 228.3	DEUTZ DQC-III-10	

Typical Values:

15W-40 E7 HD Pro	Unit	Value	Method
Density at 15°C	kg/m ³	862	DIN 51 757
Viscosity at 40°C	mm ² /s	94,9	DIN 51 562
Viscosity at 100°C	mm ² /s	14,5	DIN 51 562
Viscosity Index		158	DIN ISO 2909
CCS at -20°C	mPa.s	3010	DIN 51 377
Pourpoint	°C	-42	DIN ISO 3016
Flashpoint	°C	232	DIN ISO 2592
TBN	mg KOH/g	10,9	DIN ISO 3771

*Specification variations in these characteristics may occur. The instructions of manufacturer must be regarded.
Further information available by MSDS.*

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