



PRODUCT DATA SHEET

Diesel Engine oil

CIM Ultra SAE 15W40 E PLUS CJ4/SM | Engine Oil

CIM Ultra 15W40 E PLUS engine oil is blended from high quality Group II +Hydro cracked base oils and is designed to meet 2007 model year on-highway exhaust emission standards. Can be used in all diesel engine oil applications with diesel fuels ranging in sulphur content up to 500ppm, (0.5% by weight). However, the use of these oils with greater than 15ppm (0.0015% by weight) sulphur fuel may impact exhaust after treatment system durability and/or oil drain intervals.

API CJ4 oils are effective at sustaining emission control system durability where particulate filters and other advanced after treatment systems are used. Optimum protection is provided for control of Catalyst poisoning, particulate filter blocking, engine wear, piston deposits, low and high temperature stability, soot handling properties, oxidative thickening, foaming, and viscosity loss due to shear.

CIM Ultra SAE 15W40 E PLUS is applicable for use in the following applications:

- Transmission requiring Allison C-4 (SAE 15W40) grade oil.
- High performance gasoline engines and mixed fleet operations.
- On-highway applications operating in high speed / high load and short haul pick-up delivery.
- On-highway heavy duty trucking as well as off-highway applications such as construction, quarrying, agriculture and mining.
- Off-highway applications that are operating in severe low speed / heavy load conditions
- Both American and Japanese OEM's diesel-powered equipment.
- High performance diesel applications including pre-2007 turbo-charged, low emission engine designs, including those applications that feature EGR technologies.
- Modern marine high-speed diesel engines, including Cummins, Daihatsu, Yanmar, Caterpillar and Volvo.

When using API CJ4 oil with higher than 15 ppm (0.0015% by weight) sulphur fuel, consult the engine manufacture for service intervals.

CIM Ultra SAE 15W40 E Plus engine oil meets or exceeds the following performance levels:

ACEA A3/B4-08/B3	Mack EO-PREMIUM+	ACEA E9-08#2/E7 -08#2
API CJ4 /CI-4 + /CI4 / CH4/SM/SJ	Caterpillar ECF-3/ECF-2/1N(D6750) / C13	ZF TE-ML-04-C
Renault Trucks RLD 3	Duetz DQC III-10 LA	Cummins 20081
Global DHD 1	API CJ4/CI4+/CI4/SM	MAN 3575
Allison C-4	Volvo VDS 4	MB 228.31/MB 229.1
MTU type-2.1	Detroit Diesel 93 K218	JASO DH2

Technical Data: CIM Ultra SAE 15W40 E PLUS CJ4/SM

SAE (Society of Automotive Engineers) Grade	15W40
Viscosity (cSt) Index ASTM D 2270	142
Viscosity (cSt) at 40°C	114
Viscosity (cSt) at 100°C	15.239
Density at 15°C ASTM D 4052	0.879 Kg/l
Pour Point in °C ASTM D 97	-30
Flash Point in °C ASTM D 92	225
TBN mg (KOH/g, ASTM D 2896)	7.6
Sulphated ASH (wt%, ASTM D 874)	1.3
CCS,cP, ASTM D 5293	6000 @ -20° C
MRV, cP, ASTM D 4684	29,000 @ -25° C
HTHS @ 150° C, cP, ASTM D4683	4.3

CIM Ultra 15W40 E Plus CJ4

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