



# TOP 1 OIL PRODUCTS COMPANY

## PRODUCT DATA SHEET

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# EVOLUTION DIESEL ENGINE OIL

### DESCRIPTION

**TOP 1 EVOLUTION (HDMO) CJ - 4 / SM** is a blend of premium synthetic base oils and selected additives, designed to give excellent performance in all emission compliant engines using ultra low sulfur diesel fuel (ULSD). This engine oil contains an effective additive system, which is DPF compatible and keeps the EGR engines highly clean. It can be used for all new and old engines using ULSD fuel and safe for usage with most of the After Treatment Devices ( ATD ).

### FEATURES AND ADVANTAGES

- Recommended for all EPA 2007 compliant engines using DPF after treatment device and ULSD fuel that specify CJ-4 / CI-4 plus / CI-4 / CH-4 / CG-4 / CF-4 /CF / SM, & European and OEM claims.
- It also meets ACEA E7 , MB 228.3, Volvo VDS- 4, Cummins CES 20081, Mack EO-O premium plus'07,Caterpillar ECF 3 & ECF1, DDC PGOS 93 K 218, MAN 3275, MTU Type II specification.
- Meets and exceeds tomorrows EPA compliant engine requirements.
- High TBN with low SAPS.
- DPF & all ATD compatible.
- Backward compatible with all Old and New engines using ultra low sulfur diesel fuel.

### TYPICAL SPECS

GRADE, SAE	ASTM TEST	5W-40
API Gravity	D-287	34.0
Flash Point, °F	D-92	420
Pour Point, °C	D-97	-45
Viscosity:		
cSt @ 100°C	D-445	14.0
CCS @ -30°C, cP	D-5293	6000
Viscosity Index	D-2270	150
Appearance	Visual	Bright & Clear
Color	D-1500	3.5
Sulfated Ash, wt%	D-874	> 1.30
TBN	D-2896	10.0
<b>Product Number:</b>		
12x1 Liter		18771
4x5 Liter		18774
1x18.95 Liter		18775
1x200 Liter		18777

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY

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