



TOP 1 OIL PRODUCTS COMPANY

Product Data Sheet

Revised: Sept. 2009

TOP 1 HD

DESCRIPTION

TOP 1 HD CI - 4 / SL is a blend of premium syn-blend base oils and selected additives, designed to give excellent performance in all EGR engines. This engine oil contains an effective additive system, which is compatible and keeps the EGR engines highly clean. It can be used for all new and old engines.

FEATURES AND ADVANTAGES

- Recommended for all engines using EGR or Naturally Aspirated that specify CI-4 /CH-4 / CG- 4 / CF-4 /CF / SL, & European and OEM claims.
- It also meets ACEA E3/B3/E2, MB 228.1/ 229.1, Volvo VDS, Cummins CES 20071/ 72 / 76 / 78, Mack EO-M & EO-M plus, Mack EO-N, DDC series 2000 / 4000 Category 1, Caterpillar ECF-1,MAN 271, MTU Type I specification
- Meets and exceeds tomorrows EPA compliant engine requirements.
- High TBN
- EGR compatible.
- Backward compatible with all Old and New engines using different fuel sulfur levels.

TYPICAL SPECS

GRADE, SAE	ASTM TEST	15W40
API Gravity	D-287	30.5
Flash Point, °F	D-92	430
Pour Point, °C	D-97	-25
Viscosity:		
cST @ 100°C	D-445	15.5
CCS @ -25°C	D-5293	6000
Viscosity Index	D-2270	150
Appearance	Visual	
Color	D-1500	3.0
Calcium, wt%		
Magnesium, wt%		
Phosphorus, wt%		
Zinc, wt%		
Sulfated Ash, wt%	D-874	1.2
TBN	D-2896	9.2
Product Number:		
12x1 Liter		17641
4x5 Liter		17644
24x1 Quart		10760

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY

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