

# OILPRO BOSS HEAVY DUTY ENGINE OIL

FULL SYNTHETIC CK-4 DIESEL ENGINE OILS

SAE 5W-40



## PRODUCT DESCRIPTION

**OILPRO BOSS 5W-40 Full Syn Diesel Engine Oil** is a fully synthetic, heavy duty engine oil formulated to meet or exceed the requirements of most major manufacturers of diesel engines. It is formulated with synthetic base fluids that provide extra thermal stability, oxidation resistance, shear stability, high-VI and excellent low-temperature fluidity. It meets certain requirements of Detroit Diesel, Cummins, Mack, Caterpillar and Allison. This fluid also meets the requirements of CK-4/SM specifications.

## PRODUCT APPLICATION

BOSS HEAVY DUTY FULL SYN ENGINE OIL is recommended for use on current specification on-road equipment running ultra low sulfur diesel fuel and employing low emissions technology including EGR (Exhaust Gas Recirculation), SCR (Selective Catalytic Reduction) and/or DPF (Diesel Particulate Filtration).

- Diesel engines requiring Ultra-Low Sulfur Diesel (ULSD) or older units running low sulfur content fuels up to 500ppm.
- On-highway fleets hauling heavy loads to distance at higher speeds and less frequent starting/stopping.
- Off-road applications including mining, agriculture and earth moving equipment.

## TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	5W-40
Viscosity @ 40°C (cSt)	ASTM D445	90.0
Viscosity @ 100°C (cSt)	ASTM D445	15.00
Viscosity Index	ASTM D2270	176
API GRAVITY @60 F	ASTM D287	32.5
Flash Point, °C/°F	ASTM D92	227/440
Pour Point, °C/°F	ASTM D5950	-40/-40
Cold Cranking Simulator @ -20°C, cP	ASTM D5293	6530
High Temp/High Shear Vis @ 150°C, cP	ASTM D4683	4.1
NOACK Volatility, % loss	ASTM D6375	12
Sulfated Ash, nt%	ASTM D5185	1.0
Color	ASTM D1500	2.5
Pumping Viscosity @ -35°C, cP	ASTM D4684	21,600 (-35°C)
TBN, mg KOH/g	ASTM D2896	10

# BOSS HD

## FEATURES AND BENEFITS

BOSS HEAVY DUTY FULL SYN ENGINE OIL is specifically designed to meet today's rigid low emissions and increased fuel economy standards in hard-working:

- Combining OILPRO chemistry and premium base oil, BOSS HD keeps engines clean & free of contaminants during operation.
- Effectively controls soot to help prevent abrasion and wear of vital valve train components.
- Reduces diesel particulate filters (DPF) blockage to facilitate more efficient combustion and fuel economy.
- Protects against cylinder wear, oxidation, sludge formation and thermal breakdown which leads to costly repairs & downtime.
- Fortified to provide superior shear stability performance and viscosity retention even under heavy loading.



This product is not expected to have any adverse health implications when used for its intended purposes. Always wear protective gloves when handling used oil and dispose of properly. Avoid contact with skin and wash immediately with soap & water should any contact occur. Always follow manufacturers recommendations for fluid viscosity and service category. SUPPLYPRO, LLC assumes no responsibility for product misuse or improper application.

For a copy of this product's Safety Data Sheet (SDS) or Technical Data Sheet (TDS), visit [www.SUPPLYPRO1.com](http://www.SUPPLYPRO1.com)



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## SPECIFICATIONS

TITLE	5W-40	TITLE	5W-40
ACEA E9, E7, E4, E2	Meets Requirements	Ford WSS-M2C171-E	Meets Requirements
Allison C-4	Suitable for Use	Ford WSS-M2C171-F1	Approved
API CK-4	Approved	Global DHD-1	Meets Requirements
API CJ-4	Meets Requirements	JASO DH-2	Meets Requirements
API CI-4 PLUS, CI-4	Meets Requirements	Mack EO-0 Premium Plus	Meets Requirements
API SJ, SH, SG, SF	Meets Requirements	Mack EO-N Premium Plus 03	Meets Requirements
API SL, SM, SN	Meets Requirements	Mack EO-M Plus & prior	Meets Requirements
CAT ECF-3, ECF-2, ECF-1a	Meets Requirements	Mack EOS-4.5	Meets Requirements
CAT TO-2	-	MAN 3275, 270	Meets Requirements
Chrysler/Fiat MS-10902	Meets Requirements	MAN 3575	Meets Requirements
Cummins 20086	Meets Requirements	MB 228.3, 228.31	Meets Requirements
Cummins CES 20081	Meets Requirements	MTU 2.1, Type I & II	Meets Requirements
Cummins CES 20077, 76	Meets Requirements	Renault RLD-4	Meets Requirements
Detroit Diesel 93K218, 15, 14	Meets Requirements	Volvo VDS-4, 3, 2	Meets Requirements
Detroit Diesel 93K222	Meets Requirements	Volvo VDS-4.5	Meets Requirements



## ORDERING INFORMATION

PACKAGE SIZE	PART NUMBER
BULK	01003209305W40116
DRUM	01003209305W40089
PAIL	01003209305W40120



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