

TOPPER[®]

HIGH-QUALITY MOTOR OIL

SAE 50 Heavy Duty Motor Oil

TOPPER HEAVY DUTY MOTOR OIL SAE 50 is manufactured using carefully selected premium high viscosity index base oils combined with a high performance additive package with optimal blending of dispersants, oxidation and corrosion inhibitors, extreme pressure anti-wear, viscosity improver, and de-foaming additives.

TOPPER HEAVY DUTY MOTOR OIL SAE 50 is exceptional, premium quality “universal” crankcase oils recommended for gasoline and diesel engines operating under severe service and subjected to varying operation and climatic conditions. It is designed for use in both turbo-charged and naturally aspirated diesel and gasoline engines used in automotive, heavy duty trucking, construction, mining and farm equipment.

TOPPER HEAVY DUTY MOTOR OIL SAE 50 is suitable for use where the following specifications are recommended:

CF-2, CF, CE, CDII, CD, SJ, SH, SG, AND FORMER CCMC, PD-2, AND D-4.

Performance Capabilities:

Cummins CES 20071, Ford M2C153D, and E; <2C171-B, Detroit Diesel Corp. 2 and 4-cycle, GMC 6085M and 6094M, Mack EO-M, EO-1 Plus and EO-L, Navistar International, Allison C-4 Fluids, U.S. CID A-A-502306 and 52039A, Caterpillar CD/TO-2 Fluids.

U.S. Military Classifications: MIL-L-2104F, MIL-L-46152E.

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HIGH-QUALITY MOTOR OIL

TYPICAL TEST DATA HEAVY DUTY MOTOR OIL

SAE Grade	50
Product Number	SAE 50
Gravity, ASTM D 4052, 'API' 60 'F	28.9
Flash Point, ASTM D92 (COC), 'F('C)	432
Viscosity, ASTM D 445, cSt at 100'C	15.8
ASTM D 445, cSt at 40'C	159
Viscosity Index, ASTM D 2270	99
SUS @ 100°F	658
Pour Point, ASTM D97, 'F('C)	-27
Sulfated Ash, ASTM D 874, % Max	1.51
TBN (total base no., ASTM D2896)	7.5
Color, ASTM D 1500 (may vary by location)	2.0

***PLEASE NOTE: ALWAYS CONSULT YOUR OWNER'S MANUAL FOR YOUR PROPER FLUID EQUIPMENT.**

M & J Sunshine, Corp

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HIGH-QUALITY MOTOR OIL

SAE 40 Heavy Duty Motor Oil

TOPPER HEAVY DUTY MOTOR OIL SAE 40 is manufactured using carefully selected premium high viscosity index base oils combined with a high performance additive package with optimal blending of dispersants, oxidation and corrosion inhibitors, extreme pressure anti-wear, viscosity improver, and de-foaming additives.

TOPPER HEAVY DUTY MOTOR OIL SAE 40 is exceptional, premium quality “universal” crankcase oils recommended for gasoline and diesel engines operating under severe service and subjected to varying operation and climatic conditions. It is designed for use in both turbo-charged and naturally aspirated diesel and gasoline engines used in automotive, heavy duty trucking, construction, mining and farm equipment.

TOPPER HEAVY DUTY MOTOR OIL SAE 40 is suitable for use where the following specifications are recommended:

CF-2, CF, CE, CDII, CD, SJ, SH, SG, AND FORMER CCMC, PD-2, AND D-4.

Performance Capabilities:

Cummins CES 20071, Ford M2C153D, and E; <2C171-B, Detroit Diesel Corp. 2 and 4-cycle, GMC 6085M and 6094M, Mack EO-M, EO-1 Plus and EO-L, Navistar International, Allison C-4 Fluids, U.S. CID A-A-502306 and 52039A, Caterpillar CD/TO-2 Fluids.

U.S. Military Classifications: MIL-L-2104F, MIL-L-46152E.

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HIGH-QUALITY MOTOR OIL

TYPICAL TEST DATA HEAVY DUTY MOTOR OIL

Grade SAE	40
Product Name	SAE 40
Gravity, ASTM D 4052, 'API 60 'F	28.5
Flash Point, ASTM D92 (COC), 'F('C)	428
Viscosity, ASTM D 445, cSt at 100'C	14.8
ASTM D 445, cSt at 40'C	154
Viscosity Index, ASTM D 2270	95
SUS @ 100°F	650
Pour Point, ASTM D97, 'F('C)	-27
Sulphur Ash, ASTM D 874, % Max	1.51
TBN (total base no., ASTM D2896	7.5
Color, ASTM D 1500 (May vary)	2.0

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