

TEC-GUARD

EXTREME

TEC-GUARD EXTREME SYNTHETIC BLEND HEAVY DUTY 10W-30 & 15W-40

TEC-GUARD EXTREME SYNTHETIC BLEND HEAVY DUTY 10W-30 & 15W-40, combines premium base stocks with next-generation additive technology to produce our most fuel efficient cleanest burning, low-ash heavy duty engine oil to date¹. It meets or exceeds nearly all the next generation OEM specifications including those from Ford, Cummins, Detroit Diesel, Mack, Volvo, Renault, Mercedes, MAN and Deutz. .

TEC-GUARD EXTREME SYNTHETIC BLEND HEAVY DUTY motor oils protect engines with Emission Controls, EGR engines, as well as older engines. It is even recommended by leading heavy equipment manufacturers such as John Deere, Kubota, Massey Ferguson, JJ Case, Allis Chalmers, and International Harvester.

This ground breaking low-ash technology provides improved wear protection, deposit and soot control, and improves oil consumption by neutralizing combustion by-products that cause harmful deposits. **TEC-GUARD EXTREME SYNTHETIC BLEND HEAVY DUTY** is an extended drain capable engine oil that prevents viscosity loss from shearing and reduces friction leading to longer engine life and improved fuel economy.

Its high film strength makes **TEC-GUARD EXTREME SYNTHETIC BLEND HEAVY DUTY** fluids suitable for both on and off-road driving conditions. It can be recommended for new engines requiring CK-4 fluid and is backward compatible with API CK-4, CJ-4, CI-4 PLUS, CI-4, and CH oils.



- Low-ash formulation extends catalyst life
- 2x better corrosion control than the new API standards
- Protects cylinders up to 80x more than Daimler standards
- Improved protection from thermal and oxidative breakdown
- Excellent anti-wear, anti-foam, and anti-rust properties
- Up to 63% better soot control than previous CJ-4 formulations
- Protects piston rings up to 2.5x better than its CJ-4 predecessor
- Extremely shear stable preventing viscosity loss
- Compatible with both diesel and gasoline engines
- Improved TBN retention over previous diesel engine oils

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HEAVY DUTY 10W-30 & 15W-40

EXTREME

Synthetic Blend



TEC-GUARD EXTREME SYNTHETIC BLEND HEAVY DUTY 10W-30 meets or exceeds requirements for the following applications:

API CK-4, CJ-4, CI-4+, CI-4, CH-4

API SN (15W-40)

ACEA E9-16

CUMMINS CES200863, 81

CAT ECF-3, ECF-2

DETROIT DIESEL DFS93K2223, 218

FORD POWERSTROKE (WSS-M2C171-F1)

JOHN DEERE Tier IV Engines

MACK EOS-4.5

VOLVO VDS-4.5

ALLISON TES-439

RENAULT RLD-4

MB 228.31

MAN 3275 / 3575

MTU 2.1

DEUTZ DQC III-10 LA

GLOBAL DHD-1

JASO DH-2

TEC-GUARD EXTREME SYNTHETIC BLEND HEAVY DUTY 10W-30

Characteristics	Specification	
SAE Grade	10W-30	15W-40
Viscosity: CST @ 40°C	81.6	118
Viscosity: CST @ 100°C	11.85	15.4
Viscosity Index	139	140
Pour Point: °C	-42	-38
Sulfated Ash wt%	1.0	1.0
HTHS @ 150°C	3.4	4.0
Flash Point, °C (COC)	220	229
Total Base Number, mg KOH/g	9.7	9.7
Phosphorus, m%	0.113	0.113

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