

Product Information



Special Blend Engine Oil CI-4 Plus

*Gasoline & Diesel Engine Oils For Heavy Duty Applications
Fleet Farm, Fleet, Off-Road All Purpose Oil
API CI-4, CI-4 Plus, CH-4, CF / SL Ratings*

DESCRIPTION

Xtreme™ Special Blend Engine Oils are exceptionally versatile, premium quality, multi-grade crankcase lubricants giving outstanding performance in both diesel and gasoline engines in severe service and various operating conditions. Formulated using state-of-the-art additives and Group II base oils to meet current API and OEM requirements for volatility and oxidation resistance. Meets API level CI-4 or CI-4 Plus requirements for improved oxidation stability, soot control, roller follower wear limits and reduced aeration.

Xtreme™ Special Blend Engine Oils meets OEM specifications where API CI-4 and CI-4 Plus oil is recommended. Diesel CI-4 Plus oils have higher TBN and improved volatility for certain engine maker requirements. OEM approved additive system offers maximum engine protection under widely varying operating conditions.

APPLICATION

- Over-the-road fleets, municipal service and school district bus fleets
- Automobiles, light and medium duty trucks with diesel or gasoline engines
- Stationary engines powering pumps, generators and drilling rigs
- Construction and farm equipment such as tractors, dozers, front end loaders, excavators
- Logging equipment such as skidders, feller bunchers , harvesters, loaders

BENEFITS

- Full film lubrication at operating temperatures
- Excellent low temperature flow properties for startup and cold weather use
- Outstanding soot control for new egr engines
- Exceptional engine cleanliness
- Outstanding anti-wear, oxidation control and friction control



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PERFORMANCE LEVELS	API Diesel	CI-4 Plus, CI-4, CH-4, CG-4, CF-4, CF
	API Gasoline	SL, SI, SJ, SH
	ACEA	E7
	US Military	MIL-PRF-2104G
	Mack	EO-N Premium Plus 03, EO-O
	Cummins	CES 20081
	Detroit Diesel	93K218
	Renault	VI RLD-3
	Volvo	VDS 4
	Allison	C-4
	Caterpillar	ECF-1A, ECF-2, ECF-3
	European	MAN 3275, EMA DHD-1, MB 228.3

TYPICAL PROPERTIES	Method	10W-40 CI-4 Plus	20W-50 CI-4 Plus
API Gravity	D-4052	31.3	29.1
Specific Gravity at 15.6°C	D-1298	0.8692	0.8811
Viscosity, cSt at 40°C	D-0445	94.3	178.9
Viscosity, cSt at 100°C	D-0445	14.8	19.8
Viscosity Index	D-2270	164	127
Flash Point, COC °C (°F)	D-0092	232 (450)	238 (460)
Pour Point, °C (°F)	D-0097	-32 (-26)	-43 (-45)
Ash, % Sulphated	D-0874	1.22	1.25
Total Base No.	D-2896	10.5	10.0
ML Formulation Number		574442	588211

The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice.

This engine oil's service level is in accordance with the latest version of SAE J300 Engine Oil Viscosity Classification and SAE J183 Engine Oil Performance and Engine Service Classification.

Health And Safety Information See separate Safety Data Sheets available on request.

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