



# UNIVERSAL FLEET ENGINE OILS

Designed for Heavy-Duty Applications  
API CI-4, CI-4 Plus, CH-4, CF/SL Ratings



REV: 01.24.2020



## DESCRIPTION

Xtreme Universal 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 premium additives and Group II base oil, these oils are blended to meet the requirements of API CI-4 or CI-4 Plus categories as well as many OEM specifications, which are listed below under Performance.

Xtreme Universal Engine Oils offer excellent protection against wear, oxidation, and volatility under varying engine operating conditions..

## BENEFITS

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

## 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

## PERFORMANCE

### Performance Levels

- API: CI-4 Plus, CI-4, CH-4, CG-4, CF-4, CF
- API Gasoline: SL, SJ, SJ, SH
- Mack: EO-N Premium Plus, EO-L
- Cummins: CES 20077
- Detroit Diesel: 93K214
- Renault: VI RLD-3
- Volvo: VDS 3
- Allison: C-4
- Caterpillar: ECF-1A, ECF-2, ECF-3
- European: MAN 271, MB 228.3

TYPICAL PROPERTIES	METHOD	10W-30 CI-4 Plus	10W-40 CI-4 Plus	15W-40 CI-4 Plus	20W-50 CI-4 Plus
API Gravity	D-4052	32.6	31.3	30.3	29.1
Specific Gravity at 15.6°C	D-1298	0.8623	0.8692	0.8745	0.8811
Viscosity, cSt at 40°C	D-445	69.3	101.5	102.2	178.9
Viscosity, cSt at 100°C	D-445	11.3	14.9	14.2	19.8
Viscosity Index	D-2270	156	153	142	127
Flash Point, COC °C (°F)	D-92	220 (428)	232 (450)	226 (439)	238 (460)
Pour Point, °C (°F)	D-97	-38 (-36)	-35 (-31)	-34 (-29)	-20 (-4)
Ash, % Sulphated	D-874	1.25	1.25	1.25	1.25
TBN	D-2896	10.5	10.5	10.5	10.5
ML Reference No.		567883	574442	567867	588211



### NOTE:

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. For additional qualifications, please contact Martin Technical Service Department.

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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