

# UNITED PLATINUM XTREME

## Product Description

Fully Synthetic Diesel Engine Oil specifically formulated for extended drain service in the most demanding applications requiring API CK-4 Service Category. It is also well suited for the latest OEM EPA 2010 compliant on-highway and Tier 4 non-road diesel engines equipped with after treatment devices such as Diesel Oxidation Catalysts, Particulate Filters and Selective Catalytic Reduction systems or previous model year diesel engines. Exceeds the highest API SN gasoline engine performance as well.

Blended with partial Polyalphaolefins (PAO) base stocks and a state-of-art additive package, the oil continues to provide long drain service in conventional engines by promoting longer engine life and reduced component wear by providing higher oil film thickness, better wear performance and improved oxidation control at higher temperatures. API CK-4 oils deliver improved soot-handling and shear stability performance in all engines.

## Applications / Benefits

- \* Meets emission systems requirements
- \* Exceptional protection of valve train system used in modern diesel systems
- \* Satisfies most diesel engine OEM oil demand
- \* Exceeds the highest API SN gasoline engine performance

## Typical Characteristics

Test Description	Method	Unit	5W30	5W40
SAE Viscosity Grade	SAE J 300	-	5W30	5W40
Density @ 15 °C	ASTM D 4052	kg/L	0.8550	0.8610
Flash Point	ASTM D 92	°C	222	226
Pour Point	ASTM D 97	°C	-42	-42
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	69.2	88.6
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	11.3	14.5
Viscosity Index	ASTM D 2270	-	156	170
TBN	ASTM D 2896	mgKOH/g	11	11

## Specifications, Approvals & Recommendations

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* API	CK-4
* API	SN IN SAE 5W40
* ACEA	E9
* ACEA	E7
* CATERPILLAR	ECF-3
* CUMMINS	CES 20086
* CUMMINS	CES 20081
* DETROIT DIESEL	DFS 93K222
* DETROIT DIESEL	DFS 93K218
* FORD	WSS-M2C171-F1
* MACK	EOS-4.5
* MACK	EO-O PREMIUM PLUS
* MACK	EO-N
* MAN	M3575
* MERCEDES BENZ	MB 228.31
* MTU	CAT 2.1 IN SAE 5W40
* RENAULT	RLD-4
* VOLVO	VDS-4.5

Reference No.  
5143G34CK4REV0

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