



## UNITED PLATINUM EXTREME

### Product Description:

United Platinum Extreme Fully Synthetic Diesel Engine Oil is specifically formulated for extended drain service in the most demanding applications requiring API Service Category CJ-4/SN, as well as the latest OEM's for EPA 2010 compliant on-highway and Tier 4 nonroad diesel engines equipped with after treatment devices such as Diesel Oxidation Catalysts, Particulate Filters and Selective Catalytic Reduction system or for previous model year diesel engines. Exceeds the highest API SN gasoline engine performance as well.

Blended from partial Polyalphaolefins PAO base stocks and a state-of-art additive package, United Platinum Extreme Diesel Engine Oil continue 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 CJ-4 delivers improved soot-handling and shear stability performance in all engines.

### Applications / Benefits:

- ▣ Meets Emission System Requirements
- ▣ Exceptional protection of valve train system used in modern diesel system.
- ▣ Satisfying most diesel engine OEM oil demand.
- ▣ Exceeds the highest API SN gasoline engine performance as well
- ▣ Effectively save fuel consumption

### Typical Characteristics:

Test Description	Method	5W30	5W40
SAE Viscosity Grade	SAE J 300	5W30	5W40
Specific Gravity @ 15 °C	ASTM D 4052	0.855	0.861
Flash Point, °C	ASTM D 92	222	225
Pour Point , °C	ASTM D 97	-42	-42
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	69.2	88.6
cSt @ 100°C	ASTM D 445	11.3	14.5
Viscosity Index	ASTM D 2270	156	170
TBN, mgKOH/g	ASTM D 2896	10.2	10.2
Color	ASTM D 1500	<5.0	<5.0

Product Data Sheet



**United Oil**  
PERFORMANCE • VALUE • RELIABILITY

### Specifications, Approvals & Recommendations:

- API CJ-4 / CI-4 PLUS / API CI-4 / API CH-4
- ACEA E9
- API SN / SM
- Caterpillar ECF-2/ECF-3
- CUMMINS 20081
- Detroit Diesel 93K218
- Mack EO-O Premium Plus
- Renault RLD-3
- VOLVO VDS-4
- Global DHD-1\*
- JASO DH-2\*
- MAN 3575\*
- Mercedes-Benz 228.3\*
- Mercedes-Benz 228.31\*
- MTU Type I/Type II\*

\* SAE 5W30 does not claim.

Product Data Sheet