

## ADVANTAGE ULTRA PREMIUM PLUS 10W-30 CK-4

### OVERVIEW

ADVANTAGE ULTRA PREMIUM PLUS 10W-30 CK-4 is an ultra-premium, synthetic blend product formulated to meet or exceed the latest API diesel engine oil specifications as well as the warranty and performance requirements of most diesel engine manufacturers.

### FEATURES & BENEFITS

While specifically designed for use in model year 2017 and newer heavy-duty diesel engines in high output service, ADVANTAGE ULTRA PREMIUM PLUS 10W-30 CK-4 is fully backwards compatible to engines requiring any API C service class and provides robust protection, increased oxidation stability and superior shear stability over any previous API category to date. ADVANTAGE ULTRA PREMIUM PLUS 10W-30 CK-4 can be used with complete success in extreme applications involving any vehicle or diesel engine where an API CK-4 or earlier C class oil is specified and a fuel economy savings over a 15W-40 viscosity is desired. Field studies have shown a 1% or more fuel savings by switching from a 15W-40 to a 10W-30 engine oil.

### APPLICATIONS

Overbuilt using premium synthetic and conventional base stocks, the latest additive technology, and an exceptionally shear stable, star structure viscosity modifier as its foundation, ADVANTAGE ULTRA PREMIUM PLUS 10W-30 CK-4 has been engineered to withstand the rigors of all severe service duty categories, including off-road, long haul over-the-road, as well as start-stop short-haul line service.

### SPECIFICATIONS

API CK-4, CJ-4, CI-4, CI-4 PLUS, CH-4 • ACEA E9-16, E7-04 • Caterpillar ECF-3, ECF-2, ECF-1a • Cummins CES 20086, 20081, 20077 • Detroit Diesel 93K222, 93K218 • Deutz DQC III-10 LA • Ford WSS-M2C171-F1 • JASO DH-2 • Mack EOS-4.5, EO-O Premium Plus, EO-N Premium Plus • MAN 3575 • Mercedes-Benz 228.31 • MTU MTL 5044 Type 2.1 • Renault RLD-4, RLD-3 • Volvo VDS-4.5 VDS-4, VDS-3

### TYPICAL PROPERTIES

PRODUCT CODE	315
SAE Grade	10W-30
CCS, cP (@ -25°C)	6400
Viscosity, cSt @100°C	12.02
Viscosity, cSt @ 40°C	83.3
Viscosity Index	142
Pour Point, COC, min °C	-40
Flash Point, max °C	230
Sulfated Ash, Wt. (%)	1.0
Calcium, Wt. (%)	.105
Phosphorous, Wt. (%)	.115
Zinc, Wt. (%)	.127