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# ADVANTAGE PREMIUM PLUS 15W-40 CK-4 HEAVY DUTY ENGINE OIL

## **OVERVIEW**

ADVANTAGE PREMIUM PLUS 15W-40 CK-4 HEAVY DUTY ENGINE OIL is 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**

ADVANTAGE PREMIUM PLUS 15W-40 CK-4 can be used with complete success in over-the-road diesel trucks, off-highway diesel equipment, farm tractors, and passenger cars and light trucks with diesel engines, turbo-charged or non turbo-charged, where an API CK-4 or earlier C class oil is specified.

#### **APPLICATIONS**

Designed for use in model year 2017 and newer heavy-duty diesel engines in high output service, as well as being fully backwards compatible to engines requiring any API C service class, ADVANTAGE ULTRA PREMIUM PLUS 15W-40 CK-4 provides robust protection, increased oxidation stability and excellent shear stability over any previous API category.

#### **SPECIFICATIONS**

API CK-4, CJ-4, CI-4, CI-4, CI-4, PLUS, CH-4/SN • ACEA E9-16, E7-04 • Caterpillar ECF-3, ECF-2, ECF-1a, TO-2 • Cummins CES 20086, 20081, 20077 • Detroit Diesel 93K222, 93K218, 93K214 • 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	312
SAE Viscosity Grade	15W-40
CCS, cP (@ -20°C)	6200
Viscosity, cSt @ 100°C	14.8
Viscosity, cSt @ 40°C	111
Viscosity Index	139
Total Base No., (D2896)	10
Zinc, wt%	0.110
Phosphorous, Wt. (%)	0.100
Sulfated Ash, wt.%	1.0