

## **CEN-PE-CO EXTREME DUTY OIL**

Cen-Pe-Co Extreme Duty Oil is a high performance diesel engine oil designed for practically all on-road and off-road diesel engines, providing superior performance in emissions engines. It is formulated with 100% pure paraffin base stock for superior film strength and heat resistance, and the 10W-30 is enhanced with synthetic base oil. Extreme Duty is also fortified with additional dispersants, anti-oxidants, and anti-wear additives for superior performance. Although Extreme Duty provides all the wear protection needed in gasoline engines, it has too much zinc anti-wear additive for long catalytic converter life.

### **EXCEEDS SPECIFICATIONS:**

API (American Petroleum Institute)  
CK-4, CJ-4, CI-4 Plus

ACEA (Association of Constructors of European Automobiles)  
E9-16

JASO (Japanese Automotive Standards Organization)  
DH-2

### **MANUFACTURERS**

Caterpillar ECF-1-a, ECF-2, ECF-3  
Cummins CES 20086, 20081  
Daimler Benz 228.31  
Detroit Diesel DFS93K222, DDC 93K218  
Deutz DQC 111-10 LA  
Ford WSS-M2C171-F1  
Mack EO-S 4.5, EO-O Premium Plus  
Volvo VDS 4.5, VDS-4, VDS-3

### **TYPICAL CHARACTERISTICS:**

Viscosity		
SAE	<u>15W-40</u>	<u>10W-30</u>
cSt @ 100° C.	14.9	11.7
cSt @ 40° C.	116	82
Viscosity Index	132	135
Synthetic Blend	No	Yes
TBN (D2869)	11.2	11.2
TBN (D2896)	7.2	7.2
Sulfated Ash	1.0%	1.0%
Shear Stability (ASTM D7109 90 Pass)	2.6%	N/A

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