

15W40 PREMIUM PLUS ENGINE OIL

CJ-4 APPROVED DIESEL ENGINE OIL

15W40 PREMIUM PLUS CJ-4 is formulated to meet or exceed the warranty requirements of all manufacturers of diesel and gasoline engines. This oil is formulated to meet the Mack EO-O Premium Plus '07 specification and API CJ-4/SM specification for use in EGR equipped heavy-duty diesel engines in high output service. 15W40 Premium Plus CJ-4 meets the performance requirements of most diesel engine manufacturers such as Caterpillar, Cummins, Detroit Diesel, Ford, Mack, Navistar and Volvo. It can be used with complete success in over-the-road diesel trucks, off-highway diesel equipment, farm tractors, passenger cars and light trucks with diesel engines, turbo-charged or non turbo-charged and gasoline engines. Since the introduction of ultra-low sulfur fuels, high TBN oil is no longer a crucial need. Field tests have shown our CJ-4 oils retain TBN levels for longer periods due to the advanced technology of the new additive chemistry.

15W40 Premium Plus CJ-4 meets or exceeds all the requirements of API CJ-4, CI-4, CI-4 Plus, CH-4, CG-4, CF-4 and SM. 15W40 also meets the extended drain requirements of Cummins CES 20076, Mack EO-O Premium Plus and Volvo VDS. Manufacturer Specifications; Caterpillar ECF-1 & ECF-3, Cummins CES 20076, CES 20077, CES 20081, Detroit Diesel series 92, DDC series 2000, DDC series 4000, Detroit Diesel PGOS 93K218, Mack EO-O Premium Plus '07, Mack EON Premium Plus '03, Volvo VDS, VDS-2, VDS-3, VDS-4, MB 228.3 & 228.31, MTU Type II and ACEA E7.

TYPICAL PROPERTIES

Product Code 524

Property		Performance	
CCS, cP (@ -20°C)	6752	API CJ-4, CI-4, CH-4, CG-4, CF-4, CF	X
Viscosity, cSt @ 100°C	15.23	API CI-4 Plus (Supplemental)	X
Viscosity, cSt @ 40°C	117.60	API SM/SL	X
Viscosity Index	135	ACEA E5 & E7	X
Pour Point, °C	-39	Caterpillar TO-2	X
Sulfated Ash, Wt. (%)	0.938	Cummins CES 20076 & 20077	X
Calcium, Wt. (%)	.2325	Cummins CES 20081	X
Phosphorous, Wt. (%)	.1080	Detroit Diesel 2SE270	X
Magnesium, Wt. (%)	Nil	Detroit Diesel PGOS 93K218	X
Zinc, Wt. (%)	.1200	Mack EO-O Premium Plus	X
Sulfur, Wt. (%)	.3765	EO-N Premium Plus & EO-M	X
Nitrogen, Wt. (%)	.093	Volvo VDS & VDS-2	X
Total Base No. (D2896)	8.00	Volvo VDS-3 & VDS-4	X
Specific Gravity	0.8999	Caterpillar ECF-1 & ECF-3	X
Flash Point, °C	220		