



## PRODUCT INFORMATION

### HEAVY DUTY DIESEL ENGINE OIL EXTRANOL 15W-40 PREMIUM PLUS CJ-4/SN

EXTRANOL 15W-40 Premium Plus CJ-4/SN is formulated to meet or exceed the warranty requirements of most manufacturers of diesel engines. This oil is formulated to meet the Mack EO-O Premium Plus '07 specification and API CJ-4 specification for use in EGR equipped heavy-duty diesel engines in high output service. **EXTRANOL 15W-40 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, and passenger cars and light trucks with diesel engines, turbo-charged or non turbo-charged and well as gasoline engines (always check your owner's manual for required fluids). 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.

### TYPICAL PROPERTIES

PRODUCT CODE 524

PROPERTY	Premium Plus 15w-40 CJ-4/SN
CCS, cP( @ -20°C)	6500
Viscosity, cSt @ 100°C	15.23
Viscosity, cSt @ 40°C	113
Viscosity Index	137
Pour Point, °C	-39
Sulfated Ash, Wt. (%)	0.968
Calcium, Wt. (%)	.2325
Phosphorous, Wt. (%)	.1080
Magnesium, Wt. (%)	Nil
Zinc, Wt. (%)	.1200
Sulfur, Wt. (%)	.3765
Nitrogen, Wt. (%)	.093
Total Base No., (D2896)	8.4
Specific Gravity	0.889
Flash Point, °C	227
PERFORMANCE	Premium Plus 15w-40 CJ-4/SN
API CJ-4,CI-4, CH-4, CG-4, CF-4, CF	X
API CI-4 Plus (Supplemental)	X
API SN / SM	X
ACEA E9-08 & E7-04	X
Caterpillar ECF-3, ECT-2, ECF-1a,TO-2	X
Cummins CES 20081,20077 & 20076	X
Detroit Diesel 7SE270, PG PGOS 93K218, 93K214	X
International/Navistar	X
Mack EO-O Premium Plus, EO-M, EO-N Premium Plus	X
Mercedes-Benz 228.31	X
MTU MTL 5044 Type 2.1	X
Volvo VDS-4, VDS-3, VDS-2	X

MADE IN USA.

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