

8800 MONOLEC ULTRA® Engine Oil Technical Data

PHYSICAL CHARACTERISTICS – TYPICAL:

SAE Grade	15W-40
Gravity, °API	29.5
Viscosity,	
SUS @ 100°F	600
SUS @ 210°F	82.3
cSt @ 40°C	129.3
cSt @ 100°C	16.1
cP @ -20°C, ASTM D-5293	6,500
cP @ -25°C, ASTM D-4684	26,100
HTHS Viscosity @ 150°C, cP, ASTM D-4683	4.1
Viscosity Index	130
Color	Red
Flash Point, °F (°C), min.	430 (221)
Pour Point, °F (°C) max.	-24 (-31)
Total Base Number (TBN),	10.0
Sulfated Ash, Mass%	1.0
Elemental Sulfur, %	≤0.40
Elemental Phosphorous, %	≤0.12

SPECIFICATIONS EXCEEDED:

API CJ-4, CI-4, CI-4 Plus/SM, SL	Mack EO-O Premium Plus 07, EO-N
ACEA E7-04, E4, E2 Demonstration	Premium Plus 03, EO-M Plus, EO-M
JASO DH-2 Demonstration	Volvo VDS-4, VDS-3, VDS-2
Global DHD-1	Cummins CES 20081, CES 20077, CES20076
Allison C-4 Transmission	Detroit Diesel 93K218, 93K215, 93K214
MB P228.3	Caterpillar ECF-3, ECF-1
Renault RLD-3	MTU Type I & II
	MAN 3275

RECOMMENDATION:

Not for use with silver alloy bearings such as EMD engines (Electro-Motive Division of GM). When used in Cummins engines requiring an oil that meets the CES 20078 spec, do so in coordination with a used oil monitoring program.



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