

8130 TECHNICAL DATA

PHYSICAL CHARACTERISTICS - TYPICAL:

SAE Grade	10W-30
Gravity, °API	31.1
Viscosity,	
SUS @ 100°F	340
SUS @ 210°F	64.6
cSt @ 40°C	77.3
cSt @ 100°C	11.5
cP @ -25°C, ASTM D-5293	6,700
cP @ -30°C, ASTM D-4684	<60,000
HTHS Viscosity @ 150°C, ASTM D-4683	3.7
Viscosity Index	140
Color	Red
Flash Point, °F (°C)	420 (215.5)
Pour Point, °F (°C)	-24 (-31.1)
Total Base Number (TBN)	10
Sulfated Ash	1.0
Elemental Sulfur, %	≤0.40
Elemental Phosphorous, %	≤0.12

APPROVALS AND SPECIFICATIONS EXCEEDED

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

RECOMMENDATIONS

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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