



i-GlooOil E9 SAE 0W40 CK-4

DESCRIPTION

i-GlooOil AE 0W40 CK-4 is a Full Synthetic Heavy-Duty Engine Oils with Arctic Performance Technology are premium high-performance formulations recommended for naturally aspirated and turbocharged diesel engines starting and operating in extreme low temperature conditions.

BENEFITS

- Good wear protection and performance.
- Good engine cleanliness, and high TBN and viscosity retention for longer lubricant life and maximum engine durability .
- Metal anti-wear protection exceeds API CK-4 standards and tough OEM specifications.
- Ultra-low pour points and outstanding fluidity reduce stress at equipment startup.
- Exceeds all soot control and particulate requirements of current emission control systems such as Exhaust Gas Recirculation (EGR), Diesel Particulate Filter (DPF), or Selective Catalytic Reduction (SCR).

APPLICATIONS

i-GlooOil E9 SAE 0W40 CK-4 Full Synthetic Heavy-Duty Engine Oils are also suitable for use in transmissions requiring a fluid meeting Allison C-4 performance.

SPECIFICATIONS

- Current on-highway low emission diesel engines running on ultra-low sulfur diesel fuel and operating in extreme climatic conditions.
- Current off-highway engines including those adapted for future emissions standards in construction, agriculture, marine, and mining applications and operating in extreme climatic conditions.
- Mixed fleet operations where product consolidation is desired for performance and economics.

ACEA	E9, E7 ,E4, E2
API Service Categories	CK-4 ,CJ-4 ,CI-4 PLUS ,CI-4(and previous)
Caterpillar®	ECF-3, ECF- ECF-1a
Cummins®	CES 20086, 20081, 20078 20077, 20076
Daimler	MB 228.31, 228.3
FORD	WSS-M2C171-F1 WSS-M2C171-E
Global	DHD-1
JASO	DH-2
Mack®	EOS-4.5 EO-O Premium Plus EO-N Premium Plus EO-M
MAN	3275, 3575
MTU	Type 2.1 ,Type I ,Type II
Renault®	VI RLD-4, RLD-3
Volvo®	VDS-4.5 ,VDS-4 ,VDS-3, VDS-2
Allison®	C-4



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TYPICAL TEST DATA

Specific Gravity @ 15.6°C ASTM D4052	0.846
Viscosity @ 40°C (cSt) ASTM D445	84.3
Viscosity @ 100°C (cSt) ASTM D445	14.75
Viscosity Index ASTM D2270	185
Flash Point °C ASTM D92	225
Pour Point °C ASTM D5950	-51
Cold Cranking Simulator @ -35°C cP ASTM D5293	5800
TBN mgKOH/g ASTM D2896	10
Sulphated Ash, wt% ASTM D874	0.99

