



DIESEL ENGINE OIL API: CI-4

SEMI SYNTHETIC

Magic Plus API: CI-4 semi synthetic engine oil provides excellent lubrication in today's diesel and gasoline engines operating in severe applications. It helps provide excellent low-temperature fluidity, high-temperature viscosity retention, and volatility control. It helps provide a strong foundation for oxidation resistance, soot handling, and wear control. It helps provide excellent piston deposit protection and reduced sludge formation to help provide long engine life.

Features & Benefits:

- Outstanding thermal and oxidation stability
- One engine oil for mixed fleet operations
- Long drain capability and fuel economy potential
- Helps prevent oil thickening and formation of harmful deposits in all areas of engine
- Promotes extended engine service life and aids protection against wear and bore polishing
- Helps protect against soot related wear and deposit formation & prevent excessive viscosity increase and filter plugging

Applications:

Provides demonstrated protection and performance in the latest high power heavy duty diesel engines from Europe, US, and Japanese manufacturers in both on-highway and off-highway applications. It is suitable for modern low emission engines meeting Euro 2, 3 and US 2002 emission requirements.

Specifications, Approvals & Recommendations: (Meets / Exceeds)

- API: CI-4/SL
- ACEA E7
- ACEA A3/B3/B4
- MB 229.1/228.3
- MAN M3275-1
- Volvo VDS-3
- Renault RLD-2
- Caterpillar ECF 1A, ECF 2
- Mack EO-O N
- Cummins CES 20076/77/78
- Deutz DQC III-10
- Allison C4

Technical Data:

Parameters	ASTM	Unit	Typical Results	
			10W-30	10W-40
Viscosity Grade				
Viscosity @ 104 °F / 40 °C	D-7042	cSt	74.15	102
Viscosity @ 212 °F / 100 °C	D-7042	cSt	11.75	15.1
Viscosity Index	D-2270		154	156
Density @ 60 °F / 15 °C	D-4052	g/cm ³	0.875	0.876
Flash Point (min)	D-92	°C	236	234
Pour Point (min)	D-97	°C	-39	-39
TBN	D-2896	mg KOH/g	11	11

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil into drains or the environment. Dispose to an authorized used oil collection point. This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. For further Information on Safety Guidelines please refer to MSDS available on our website magicplusoil.net

All statements, information, and data presented herein are believed to be accurate and reliable but are not to be taken as a guarantee, an express warranty, or an implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which Magic Plus and its affiliates assume legal responsibility.