



DIESEL ENGINE OIL API: CI-4

FULLY SYNTHETIC

Magic Plus API: CI-4 synthetic heavy-duty diesel engine oil that helps towards long engine life while providing long drain capability for modern diesel engines operating in severe applications. The high TBN level neutralizes the harmful effects of Sulphur contained in low-quality diesel fuel. It helps deliver excellent performance in modern low emission engines, as well as older, well-maintained engines.

Features & Benefits:

- Outstanding thermal and oxidation stability
- One engine oil for mixed fleet operations
- Exceptional low-temperature pump ability
- Helps towards a long life of critical wear surfaces
- Long drain capability and fuel economy potential
- Helps prevent oil thickening and formation of harmful deposits in all areas of engine

Applications:

It is recommended for use in super high performance diesel applications, including modern low emission engine designs with Exhaust Gas Recirculation (EGR). These applications include on-highway engines operating in both high speed/high load and stop-and-go conditions, off-highway engines operating in severe low speed/heavy load conditions, and virtually all diesel powered equipment from American, European, and Japanese equipment builders.

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			
			0W-30	0W-40	5W-30	5W-40
Viscosity Grade			0W-30	0W-40	5W-30	5W-40
Viscosity @ 104 °F / 40 °C	D-7042	cSt	67.1	89	68.45	91.65
Viscosity @ 212 °F / 100 °C	D-7042	cSt	11.9	15.1	11.8	15
Viscosity Index	D-2270		176	180	170	173
Density @ 60 °F / 15 °C	D-4052	g/cm ³	0.845	0.845	0.859	0.859
Flash Point (min)	D-92	°C	234	230	234	232
Pour Point (min)	D-97	°C	-42	-42	-42	-42
TBN	D-2896	mg KOH/g	11	11	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

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