



# DIESEL ENGINE OIL API: CJ-4

## FULLY SYNTHETIC

Magic Plus API: CJ-4 synthetic, high-performance engine oil helps extend engine life and improve fuel economy in modern diesel engines operating in severe conditions. It helps deliver exceptional performance in modern low emission engines, including those with Exhaust Gas Recirculation (EGR), after Treatment systems with Diesel Particulate Filters (DPF's) and Diesel Oxidation Catalysts (DOC's).

### Features & Benefits:

- Prevent premature DPF plugging and shortened maintenance intervals
- Minimizes piston and combustion chamber deposits
- Fights Sludge and Varnish
- Excellent against engine wear due to soot formation
- Excellent oxidation, foam, corrosion inhibition
- Provide faster, safe starts during extreme temperatures and increases thermal and oxidation stability at extremely high temperatures

### Applications:

Recommended for use in 4-stroke diesel engines, including modern low emission engines with Exhaust Gas Recirculation (EGR), After Treatment systems with Diesel Particulate Filters (DPF's) and Diesel Oxidation Catalysts (DOC's). Recommended for 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. Also suitable for high-performance gasoline engines and mixed fleets.

### Specifications, Approvals & Recommendations: (Meets / Exceeds)

- API: CJ-4/SN
- ACEA E9
- MB 228.31
- Caterpillar ECF-3
- MAN M3477/3575
- Volvo VDS-4
- Renault RLD-3
- DDC 93K218
- Mack EO-O PP
- Cummins CES 20081
- Deutz DQC III-10 LA
- Ford WSS-M2C171-F1

### Technical Data:

Parameters	ASTM	Unit	Typical Results			
			0W-30	0W-40	5W-30	5W-40
Viscosity Grade			<b>0W-30</b>	<b>0W-40</b>	<b>5W-30</b>	<b>5W-40</b>
Viscosity @ 104 °F / 40 °C	D-7042	cSt	67.1	87.5	68.45	91.65
Viscosity @ 212 °F / 100 °C	D-7042	cSt	11.85	14.9	11.8	15
Viscosity Index	D-2270		175	180	170	173
Density @ 60 °F / 15 °C	D-4052	g/cm <sup>3</sup>	0.845	0.845	0.860	0.860
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	9.9	9.9	9.9	9.9

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](http://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.