



# DIESEL ENGINE OIL API: CD

## MINERAL

Magic Plus API: CD mineral diesel engine oil formulated with an optimized combination of base oil and a balanced additive system. It provides good protection against rust and corrosion, thermal and oxidation stability. It controls sludge build-up and deposits hence prolonging equipment life and reducing maintenance costs.

### Features & Benefits:

- Effective anti-wear properties
- Protection against rust and corrosion
- Effective control over deposits
- Maintains engine cleanliness
- Multigrade benefits
- Good oxidation stability gives longer oil life

### Applications:

These heavy duty engine oils are recommended for all types of diesel and gasoline engines where the manufacturer specifies the API service CD.

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

- API: CD/SF
- MIL-L-2104-D
- Caterpillar TO-2

### Technical Data:

Parameters	ASTM	Unit	Typical Results						
			15W-40	15W-50	20W-50	20W-60	SAE 40	SAE 50	SAE 60
Viscosity Grade			<b>15W-40</b>	<b>15W-50</b>	<b>20W-50</b>	<b>20W-60</b>	<b>SAE 40</b>	<b>SAE 50</b>	<b>SAE 60</b>
Viscosity @ 104 °F / 40 °C	D-7042	cSt	116.4	109.5	182.75	201.05	151.4	218.85	274.9
Viscosity @ 212 °F / 100 °C	D-7042	cSt	15.45	15.2	20.5	24.2	15.5	20.5	24.1
Viscosity Index	D-2270		140	146	132	150	105	110	111
Density @ 60 °F / 15 °C	D-4052	g/cm <sup>3</sup>	0.882	0.878	0.891	0.887	0.895	0.896	0.897
Flash Point (min)	D-92	°C	236	232	236	230	242	246	250
Pour Point (min)	D-97	°C	-33	-33	-24	-24	-15	-15	-15
TBN	D-2896	mg KOH/g	7	7	7	7	7	7	7

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)

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