



Power. Speed. Resilience

Technical Data Sheet

**MAGIC
PLUS**

DIESEL ENGINE OIL API: CH-4

FULLY SYNTHETIC

Magic Plus API: CH-4 synthetic diesel engine oil having a combination of metallic detergents, dispersants and multi-purpose inhibitors. This oil assures superior control of oil thickening caused by soot buildup and high-temperature oxidation. It also provides outstanding resistance to varnish deposits and corrosion.

Features & Benefits:

- Outstanding thermal and oxidation stability
- Improved oxidation stability to minimize deposit formation
- Better protection against valve train wear
- Exceptional low-temperature pump ability
- Helps towards a long life of critical wear surfaces
- Long drain capability and fuel economy potential

Applications:

These heavy duty engine oils are recommended for all types of diesel and gasoline engines where the manufacturer specifies the API service CH-4/SJ.

Specifications, Approvals & Recommendations: (Meets / Exceeds)

- API: CH-4/SJ
- ACEA E7
- ACEA A3/B3/B4
- MB 228.3
- MAN M3275
- Volvo VDS-2
- Renault RLD-2
- MTU Type 2
- DFS 93K215
- Mack EO-M/EO-L
- Cummins CES 20076
- Deutz DQC III-10

Technical Data:

Parameters	ASTM	Unit	Typical Results			
			0W-30	0W-40	5W-30	5W-40
Viscosity Grade						
Viscosity @ 104 °F / 40 °C	D-7042	cSt	68.55	90.05	68.85	91.65
Viscosity @ 212 °F / 100 °C	D-7042	cSt	12.1	15.3	11.9	15
Viscosity Index	D-2270		176	181	171	173
Density @ 60 °F / 15 °C	D-4052	g/cm ³	0.846	0.846	0.858	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	10.5	10.5	10.5	10.5

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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