

PRODUCT INFORMATION



Powers-All Fleet Full Synthetic 5W-40

DESCRIPTION: **Powers-All Fleet Full Synthetic 5W-40 Motor Oil** is a full synthetic, heavy duty engine oil formulated to meet or exceed the requirements of most major manufacturers of diesel engines. It is formulated with synthetic base fluids that provide extra thermal stability, oxidation resistance, shear stability, high-VI and excellent low temperature fluidity. It meets certain requirements of Detroit Diesel, Cummins, Mack, Caterpillar and Allison. This fluid also meets the requirements of **API CK-4/SN**.

FEATURES: Enhanced fuel economy can be expected when using **Fleet Full Synthetic 5W-40** engine oil due to its enhanced fluid friction properties and lowered operating temperatures. It also provides for superior cold starting and faster startup lubrication compared to conventional 15W-40 oils.

Powers-All Fleet Full Synthetic 5W-40 Motor Oil is recommended for modern turbo-charged, low emission diesel engines used in on- and off-highway equipment. Suitable for new and older diesel powered vehicles from Class 8 tractors / trailers to heavy utility and delivery fleets.

APPLICATIONS: Recommended for:

- API CK-4, CJ-4, CI-4 Plus / SN
- Caterpillar ECF-3, ECF-2
- Ford WSS-M2C171-F1
- Volvo VDS-4.5, VDS-4
- Detroit Diesel 93K222, 93K218
- Mercedes Benz 228.31
- Mack EOS-4.5
- Cummins CES 20086, 20081
- ACEA E9-12
- JASO DH-2
- MAN M3575
- MTU Category 2.1
- International (Navistar) diesel engines
- Renault VI RLD-4, RLD-3

TYPICAL PROPERTIES:

Powers-All Fleet Full Synthetic 5W-40 Engine Oil

SAE Grade	Test Method	5W-40
Material Code		PA331501
Viscosity, cSt @ 40°C	ASTM D-445	94.5
Viscosity, cSt @ 100°C	ASTM D-445	15.0
Viscosity Index	ASTM D-2270	173
CCS @ -30 C, cP	ASTM D-5293	5200
Color	ASTM D-1500	15.0
High Shear, HTHS, cP	ASTM D-4683	4.0
Pour Point, °F	ASTM D-5949	-42
Flash Point, COC, °F	ASTM D-92	450

**Note: Values shown are typical only and do not constitute a specification. Minor variations in product are to be expected in normal manufacturing. Always confirm with the original manufacturer's recommendation for proper equipment operating requirements.*

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40 South Fifth Street Waterbury CT 06708
247 Northampton Street Easthampton MA 01027