



SAE 5W40 API CK-4

Technical Data Sheet



PACKAGING:

1L, 4L, 5L, 7L, 20L, 25L, 60L, 208L

DESCRIPTION:

Volkio Engine Oil API CK-4 SAE 5W40 is an advanced Synthetic Diesel engine oil designed to keep your engine running like new by providing exceptional wear protection, cleaning power and overall performance. A fuel economy, universal diesel oil, developed according to the most recent technology, based on specially selected synthetic base oils to which advanced additives are added to obtain the below features. It makes great fixing between the cylinder and chamber, safeguards the motor at various temperatures and keeps up with ideal consistency for the best motor performance. Royal Super gives great wear control to safeguard the motor in various atmospheric conditions and unforgiving applications, protecting the motor in cold climate re up and warm climate conditions.

BENEFITS:

- Outstanding oxidation & thermal stability reduces sludge deposits and keeps the engine cleaner.
- Excellent engine protection by providing outstanding protection against corrosive & abrasive wear.
- Improved shear stability maintains viscosity in-grade under severe, high temperature service conditions.
- Excellent low temperature pumpability ensures smooth cold starting and improved fuel economy.
- Excellent TBN reserves provide improved acid neutralization and corrosion protection, which helps in extending oil drain interval in both new & old engines using either low (500 ppm) or ultra-low (15 ppm) sulfur diesel fuel.

SPECIFICATIONS:

Volkio Engine Oil API CK-4 SAE 5W40 meets or exceeds following International and Builder specifications

API CK-4, CJ-4, CI-4+, CI-4, CH-4, CF, SN, SM, SL ; ACEA E11/ E7-22

- CAT ECF-3
- MB 228.31
- MTU TYPE 2.1
- CUMMINS CES 20086
- VOLVO VDS 4.5
- MACK EOS 4.5
- MAN 3275/3775
- JASO DH-2
- Duetz DQC III-10 LA/JASO DH-2
- NS CES 20086
- JASO DH-2

TYPICAL PROPERTIES:

TEST	FREQUENCY	RESULT
Appearance	VISUAL	Bright & Clear
Color	ASTM D 1500	Neutral
Kin. Viscosity @100°C	ASTM D 445	14.8 Cst
Kin. Viscosity @40°C	ASTM D 445	91.2
Viscosity Index	ASTM D 2270	170
Density @ 60/60F	ASTM D 1298	0.850
Pour Point	ASTM D 97	≤ -39°C
Flash Point	ASTM D 92	≥ 218°C
Water Content	ASTM D 6034	-ve
Antifoam	ASTM D 892	Pass

APPLICATION:

5W40 CK-4 may be used in both new and old diesel engines for On & Off highway applications, due to it's backward compatibility down to CJ-4 specifications and may also be used in gasoline engines requiring the API SN specification.