



SAE 20W50 API CH-4

Technical Data Sheet



PACKAGING:

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

DESCRIPTION:

Volkio Engine SAE 20W50 is a heavy duty mineral based diesel engine oil recommended for turbo-charged and non-turbo charged engines under normal conditions. Suitable for many heavy-duty engines. It meets all current industry standard requirements of major engine makers recommending API CH-4. SAE 20W-50 CH-4 diesel engine oil is formulated with high quality base stocks and specially selected additives to ensure optimum performance and protection for diesel engines requiring an API CH-4 specification. Suitable for modern and old diesel engines fitted on trucks, buses, construction or agricultural machinery with or without turbo charger, intercooler or sophisticated injection systems.

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.
- High detergency, gives long engine life.
- Enhanced TBN reserves provide improved acid neutralization and corrosion protection.

SPECIFICATIONS:

Volkio Engine Oil API CH-4 SAE 20W50 meets or exceeds following International and Builder specifications

API CH-4/SJ; ACEA E5, ACEA E7/A3/B4

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|---------------|----------------|-------------------------|---------------------|
| • MACK EO-M | • Volvo VDS-2 | • Renault Trucks RD/RD2 | • Cummins CES 20076 |
| • VOLVO VDS-2 | • MACK EOS 4.5 | • Deutz DQC -II-05 | • CAT ECF-1a |
| • MB 228.3 | • MAN M3275 | • MTU OIL Category-2 | |

TYPICAL PROPERTIES:

TEST	FREQUENCY	RESULT
Appearance	VISUAL	Bright & Clear
Color	ASTM D 1500	Neutral
Kin. Viscosity @100°C	ASTM D 445	19.2 Cst
Kin. Viscosity @40°C	ASTM D 445	162
Viscosity Index	ASTM D 2270	137
Density @ 60/60F	ASTM D 1298	0.890
Pour Point	ASTM D 97	-25°C
Flash Point	ASTM D 92	≥ 230
Water Content	ASTM D 6034	-ue
Antifoam	ASTM D 892	Pass

APPLICATION:

SAE 20W50 API CH-4 can be used in older trucks and buses as well as for cost effective lubrication in off highway applications such as agricultural tractors. Off-highway industries including: construction, mining, quarrying, and agriculture.