Volkio® GERMAN LUBE

SAE 10W30 API CK-4
Mineral Plus
Technical Data Sheet

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

DESCRIPTION:
Volkio 10W30 API CK-4 is a advanced performance low-SAPS fully synthetic diesel engine oil, formulated with highly refined base stocks and cutting-edge additives, ensures exceptional engine performance. It supports modern emission systems, including DPF, SCR, and DOC. It is designed for superior wear protection, extended drain intervals, excellent TBN retention, and outstanding engine cleanliness.

BENEFITS:
- Excellent engine protection by providing outstanding protection against corrosive & abrasive wear.
- Protects against start-up wear in cold conditions through excellent low-temperature fluidity.
- Maintains power and economy by minimizing 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.
- Engine Cleanliness and low combustion residue.

SPECIFICATIONS:
Volkio 10W30 CK-4 oil meets and exceeds the requirements of all major car manufacturers and the following standards:
API CK-4/CJ-4/SN, ACEA E9-16
MB 228.31, MTU Type 2.1, CAT ECF-3, Deutz DQC III-10 LA (obsolete), III-18 LA, Ford WSS-M2C171-F1, CES 20081
Volvo VDS 4, Mack EO-O PP, Renault RLD-3, DDC93K218, MAN M3575 (obsolete)

TYPICAL PROPERTIES:

TEST	FREQUENCY	RESULT
Appearance	VISUAL	Bright & Clear
Color	ASTM D 1500	Neutral
Kin. Viscosity @100°C	ASTM D 445	11.0 Cst
Kin. Viscosity @40°C	ASTM D 445	73.6
Viscosity Index	ASTM D 2270	140
Density @ 60/60F	ASTM D 1298	0.860
Pour Point	ASTM D 97	≤-39°C
Flash Point	ASTM D 92	≥225°C
Water Content	ASTM D 6034	-ve
Antifoam	ASTM D 892	Pass

APPLICATION:
10W30 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.