

Vipoil Kinematic SHD 10W-40 CF-4

Commercial Vehicle Engine Oil

PRODUCT DESCRIPTION

Vipoil Kinematic SHD 10W-40 CF-4 is a high-performance semi-synthetic engine oil developed for diesel engines of light and heavy-duty commercial vehicles that operate in harsh conditions all year long. The additive package has been optimized to work with cars that have EGR and SCR exhaust after treatment systems and meet Euro I to Euro V emission standards.

APPLICATIONS

Designed to be used in heavy-duty engines of mixed fleets, both turbocharged and non-turbocharged, on- and off-highway applications and in all types of weather all year round. It is not recommended to be used in vehicles equipped with DPF systems (particulate filters). It is suitable to be used in both gasoline and diesel-powered passenger cars as well as light commercial vehicles.

SPECIFICATIONS

API CF-4	MAN 271
MB 228.1	MACK
ACEA E2	EO-K/2
Volvo VDS-3	MTU 1.0

BENEFITS

- Backwards compatible to older engines
- Exceptional long drain capabilities
- Low volatility providing reduced oil consumption and emissions
- Effective environmental protection and fuel efficiency
- Outstanding anti-wear and anti-corrosion properties
- Excellent dispersant and acid neutralization characteristics
- Complete shear stability for extended stay in grade performance

TYPICAL PROPERTIES

Characteristics	Test Method	Value
Density at 15°C, g/cm ³ , max.	ASTM D4052	0.870
Kinematic Viscosity at +40°C, mm ² /s ⁻¹ .	ASTM D445	100.0
Kinematic Viscosity at +100°C, mm ² /s ⁻¹ .	ASTM D445	14.5
Viscosity Index, min.	ASTM D2270	150
Flash Point °C, min.	ASTM D92	215
Pour Point °C, min.	ASTM D97	-42
T.B.N. (Total Base Number), mg(KOH)/g	ASTM D2896	6.9
C.C.S. Viscosity at -25 °C, mm ² /s ⁻¹ .	ASTM D5293	5900
Noack Evaporation	ASTM D5800	9.2
Sulphated Ash	ASTM D874	0.9

* These values are informative. Variations of these characteristics may occur.

This lubricant does not present a particular danger if it is used according to our recommendations and according to the purpose for which it was produced. The security sheet according to the European legislation in force can be obtained on request.