

SCARLINE

LUBRICANTS & GREASE EXPERTS

EXTRA 10W-40 CK-4

SCARLINE EXTRA 10W-40 CK-4 is a premium quality heavy-duty diesel engine oil formulated with advanced synthetic technology base oils and a robust additive system. It provides excellent wear protection, outstanding oxidation stability, and superior soot handling. Specially designed for modern low-emission engines equipped with EGR, SCR, and DPF systems, while also backward compatible with older diesel engines. This oil is formulated for heavy-duty diesel engines in trucks, buses, and construction machinery, suitable for Euro V and Euro VI engines with after-treatment systems (DPF, SCR, EGR), and ideal for mixed fleet operations by providing protection for both modern and older engines.

Features and Benefits

- **Enhanced Engine Protection:** Outstanding wear and deposit control under high load and high temperature.
- **After-Treatment Compatibility:** Protects DPF, SCR, and EGR systems by minimizing ash, phosphorus, and sulfur.
- **Extended Drain Intervals:** Excellent oxidation resistance and TBN retention.
- **Fuel Efficiency:** Synthetic technology reduces friction and improves fuel economy.
- **Cold Start Protection:** Excellent low-temperature properties ensure reliable lubrication.

Specifications

Meets and Exceeds:

API CK-4/CJ-4, API SN; ACEA E9/E8/E7/E6/E4; MAN M3777/M3677/M3775/M3477/M3271-1; DTFR15C120 (MB 228.52), DTFR 15C110 (MB 228.51); Volvo VDS-4.5; Renault Trucks RLD-3; MACK EOS-4.5; Scania LDF-4; Deutz DQC IV-18 LA; MTU Type 3.1; Detroit Diesel DDC93K222; Cummins CES 20086; DAF Extended Drain; Caterpillar ECF-3; IVECO FPT TLS E9, IVECO FPT TLS CK4

Technical Specifications

Test	Methot	Typical Properties
Kinematic Viscosity (100°C), [cSt]	ASTM D445	13,8 - 16,0
Density @ 15°C g/ml	ASTM D4052	0,870-0,885
Viscosity Index	ASTM D2270	Min. 135
Flash Point, °C	ASTM D92	Min. 220
Pour Point, °C	ASTM D97	Max. -30
Total Base Number, mg KOH/g	ASTM D2896	Min. 10,5

Health & Safety

Avoid prolonged or repeated contact with used oil. Wash skin thoroughly after handling. Refer to the product's Safety Data Sheet (SDS) for more details.

Storage & Handling

Store in a dry, clean environment at temperatures between -10°C and +40°C. Keep the container tightly closed and avoid contamination.