



SAE 10W-30 Multigrade Mineral Diesel Engine Oil

SAE 10W-30 API CK-4



BELHER®

SPECIFICATIONS: SAE 10W-30 Multigrade Mineral Diesel Engine Oil

DESCRIPTION

SAE 10W-30 multigrade mineral engine oil meeting API CK-4 requirements, formulated for heavy-duty diesel engines. Its viscosity of 79 cSt at 40°C and 12 cSt at 100°C, combined with a viscosity index of 130 and a pour point of -24°C, ensures reliable cold-start performance and robust protection under continuous load. With a minimum flash point of 200°C and a density of 0.89 kg/L, it meets the requirements of modern diesel engines equipped with emission after-treatment systems.

BENEFITS

- Reliable starting performance down to -24°C.
- Compatible with emission after-treatment systems (DPF and SCR).
- Excellent deposit and soot control.
- Robust protection during continuous heavy-load operation.
- Helps extend engine service life.

APPLICATIONS

Recommended for heavy-duty diesel engines in trucks, buses, and construction equipment requiring low oil consumption and maximum protection under variable operating conditions. Compatible with engines equipped with DPF and SCR systems. Suitable for operation in moderate to cold climates where the manufacturer specifies API CK-4 SAE 10W-30 lubricants.

PROPERTIES

- High detergency and dispersancy.
- Good oxidation and thermal stability.
- Excellent low-temperature fluidity.
- Good compatibility with engine seals.
- Low sulfated ash content.

PHYSICAL AND CHEMICAL PROPERTIES

PROPERTY	UNIT	ASTM METHOD	VALUE
Density @ 15°C	kg/l	ASTM D4052	0.89
Kinematic Viscosity @ 40°C	cSt	ASTM D445	79
Kinematic Viscosity @ 100°C	cSt	ASTM D445	12
Viscosity Index	—	ASTM D2270	130
Flash Point	°C	ASTM D92	200 mín.
Pour Point (Critical Fluidity)	°C	ASTM D97	-24

