



SHIELD™
LUBRICANTS

TECHNICAL DATA SHEET

SHIELD LUBRICANTS 10W40 FULLY SYNTHETIC

Product Code: SC10W40FS- Revision: 20181024

Product Description

A heavy duty, fully synthetic engine oil incorporating an advanced additive package. Offering high levels of protection and cleanliness under severe operating conditions, and extended drain capabilities. It is recommended for engines with Diesel Particulate Filters and Exhaust Gas Recirculation/Selective Catalytic Reduction systems.

Benefits

- Long drain capabilities.
- Low volatility providing reduced oil consumption and emissions.
- Thermal stability offering consistent long-term performance.
- Maintains efficiency of after-treatment systems.
- Effective environmental protection and fuel efficiency.
- High and low temperature performance and very high levels of engine cleanliness.
- Increased protection against wear and corrosion.
- High shear stability affording consistent lubrication performance.
- Suitable for engines with or without diesel particulate filters.

Applications

Designed specifically to meet the lubrication requirements of the latest European heavy duty diesel engines, and is suitable for use in diesel engines meeting Euro IV, V and VI emission standards.

Formulated for use with vehicles requiring ACEA E6, E7 and E9 making this engine oil ideal for use in mixed fleets including MAN, Mack, MB, Renault, Volvo, Iveco and DAF.

Can be used in combination with low sulphur diesel fuel.

Typical Test Data

Density @ 15°C	-	0.869
Flash Point (°C)	-	210
Kinematic Viscosity cSt @ 100°C	-	13.9
Kinematic Viscosity cSt @ 40°C	-	93
Pour Point (°C)	-	-36
Total Base Number (mg KOH/g)	-	10
Viscosity Index		154

Product Profile

ACEA	E6, E7, E9
API	CJ-4
Caterpillar	ECF-3
Cummins	20081
Deutz	DQC IV-10 LA
JASO	DH-2
Mack	E0-0 Premium Plus
MAN	3477, 3575



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MB	228.31, 228.51
Renault	RGD, RLD-3
Volvo	VDS-4, VDS-3