

KLONDIKE SAE 5W-40 SN/CF Euro Full Synthetic Engine Oil



PRODUCT DESCRIPTION

KLONDIKE SAE 5W-40 SN/CF Euro Full Synthetic Engine Oil is specially formulated to meet the lubrication needs of modern European engines operating on diesel or gasoline in automobiles and light truck applications.

APPLICATIONS

KLONDIKE SAE 5W-40 SN/CF Euro Full Synthetic Engine Oil is designed for use in modern 4, 6 & 8+ cylinder multi-cam, multi-valve (including VVT), naturally aspirated, supercharged & turbocharged engines. It is suitable for use in direct injection petrol and light duty diesel engines including those fitted with Diesel Particulate Filters (DPFs).

Check your owner's manual for specified or recommended fluid viscosity.



SPECIFICATIONS AND APPROVALS

KLONDIKE SAE 5W-40 SN/CF Euro Full Synthetic Engine Oil meets and exceeds the following performance specifications:

- API SN, SM, SL and previous passenger car service categories
- API CF
- ACEA A3/B3-08, A3/B4-10
- MB 229.3, 229.5
- BMW Longlife - 01
- VW 501 01, 502 00, 505 00
- OPEL GM-LL-B-025
- Renault 0710 / 0700
- Porsche A40

FEATURES AND BENEFITS

KLONDIKE SAE 5W-40 SN/CF Euro Full Synthetic Engine Oil is engineered for high performance and is designed to provide outstanding engine protection. This premium engine oil contains only the highest quality, ultra-pure, full synthetic base oils and a technologically advanced additive system, which includes detergents, dispersants, viscosity improver, anti-wear, and anti-friction agents, as well as oxidation and corrosion inhibitors.

KLONDIKE SAE 5W-40 SN/CF Euro Full Synthetic Engine Oil delivers exceptional protection and performance characteristics over the full service interval. This oil offers outstanding low temperature fluidity and resists engine component wear and deposit formation under severe driving conditions. Exceptional resistance to high temperature viscosity breakdown makes this engine oil ideally suited for hot, high RPM engines with turbochargers. Advanced full SAPS additive technology is designed to comply with vehicle emission control systems and meets vehicle manufacturer requirements for catalytic convertor protection where fluid of this type is specified. It delivers dependable, performance in extended drain interval service where suggested by European engine manufacturers.

KLONDIKE SAE 5W-40 SN/CF Euro Full Synthetic Engine Oil offers value through the following benefits:

- **Full synthetic base oil** – long service life even under severe operating conditions.
- **Extended engine life** – reduced friction for excellent protection against engine wear.
- **High viscosity index** – highly resistant to viscosity and thermal breakdown from extended high temperature operation.
- **Emission compliant** – fights volatility burn-off to minimize engine deposits and exhaust emissions.
- **Energy efficient** – reduced internal engine friction for improved fuel economy.



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TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	5W-40 EURO FULL SYN
Gravity, °API	ASTM D287	33.9
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.855
Viscosity @ 40°C cSt	ASTM D445	77.0
Viscosity @ 100°C cSt	ASTM D445	13.1
Pour Point °C	ASTM D5950	-45
Viscosity Index	ASTM D2270	173
Cold Cranking Simulator at -30°C, cP	ASTM D5293	5400
High Temperature/ High Shear Vis at 150°C, cP	ASTM D5481	3.7
Noack Volatility, % loss	ASTM D 6375	10
Color	ASTM D 1500	2
Zinc, wt. %	ASTM D 5185	0.102
Phosphorus, wt. %	ASTM D 5185	0.092
Calcium, wt. %	ASTM D 5185	0.26
Sulfur, wt. %	ASTM D 4951	0.19
Boron, wt. %	ASTM D 5185	0.007
Sulfated Ash, wt. %	ASTM D 874	0.8
Nitrogen, wt. %	ASTM D 4629	0.089
Pumping Viscosity at -35°C, cP	ASTM D4684	28,000
TBN, mgKOH/g	ASTM D 2896	9.8

All stated physical properties are typical of standard production and may vary.

HEALTH AND SAFETY

This product is not expected to have adverse health implications when used for its intended application. For detailed information on safe handling of this product, refer to its Material Safety Data Sheet (MSDS). To obtain an MSDS on this or any other KLONDIKE product, please visit www.klondikelubricants.com or call 1-877-293-4691. When disposing of used product, be responsible to the environment.

BRAVING THE FORCE OF MOVEMENT

KLONDIKE stands for robust, reliable, high quality products tailored to suit the requirements of the on- and off-road heavy duty, automotive and industrial markets. Our solutions span from trend-setting retail lubricants through small-batch custom formulations to large bulk orders ready for immediate delivery.

The extensive KLONDIKE product range includes premium oils, lubricants, greases, chemicals and specialty fluids formulated with virgin base oils and protective inhibitors. Designed to handle the most extreme climates and operating conditions, the KLONDIKE products protect and extend the life of your equipment, optimize performance and improve productivity while meeting and exceeding industry standards and specifications.

KLONDIKE Lubricants Corporation

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