

4241.85

Krypton Racing

SAE 5W-50

Very high performance fully synthetic lubricant with Alpha-Tech® suitable for latest generation car engines.

PAKELO KRYPTON RACING SAE 5W-50 is a high performance **fully synthetic** lubricant with **Alpha-Tech**, specific for latest generation car engines. It is the result of long-term experience developed during numerous races and continuous scientific and technological research.

The product efficiently protects the engine in different working temperatures and guarantees a safe and reliable application also under the most severe working and climate conditions.

PAKELO KRYPTON RACING SAE 5W-50 is formulated with selected high quality base stocks and exclusive additives that confer to the product high detergent, dispersant, anti-oxidative, anti-corrosion, anti-wear and antifoam properties. Furthermore the use of thermally stable Friction Modifiers additives reduces friction and working temperatures, supporting a prompt reaction of the engine and turning the functioning smooth and uniform.

The special synthetic base stocks used reduce oxidation and formation of carbon residues: this enables PAKELO KRYPTON RACING SAE 5W-50 to provide extraordinary anti-oxidative properties and to avoid formation of deposits also with presence of high working temperatures. The low volatility of synthetic base stocks results into a very significant reduction of oil losses due to evaporation.

PAKELO KRYPTON RACING SAE 5W-50 thus provides extraordinary resistance to thermal changes and oxidation, avoiding formation of deposits on valves and keeping the engine clean.

Furthermore, its great fluency under the most severe cold climate conditions guarantees easy and safe start-ups at very low temperatures and reduction of wear risks to minimum, providing superior reliability.

PAKELO KRYPTON RACING SAE 5W-50 improves protection of all modern engines also under the most severe working conditions and it can be used even in modern cars equipped with post-treatment devices.

The product shows mixability with all the lubricants for the same application. However, we recommend to avoid mixing it with other products for not undermining its exceptional properties.

PAKELO KRYPTON RACING series is available in several multigrade Viscosity Grades. The choice of suitable Viscosity Grade should be done taking into consideration Constructor's recommendations, kind of engine, climatic and working temperatures, need for more performance or reliability, etc..

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Application fields

PAKELO KRYPTON RACING SAE 5W-50 has been studied for gasoline engines of latest generation cars, also turbocharged with high supercharging pressure.

It is particularly indicated for sporty and racing engines working at high revs and/or highly rated, also in extreme climatic conditions.

Thanks to its characteristics, PAKELO KRYPTON RACING SAE 5W-50 can also be used in Diesel and turbodiesel engines of modern vehicles and earlier generation engines.

Performance levels

The additive package used enables, in the set Viscosity Grades, to meet the following Performance Levels: **ACEA C3**, **API SN**.

Chemical-Physical Characteristics

Krypton Racing	Method analysis	Unit measure	Value SAE 5W-50
Density at 15°C	ASTM D1298	kg/l	0,857
Kinematic Viscosity at 40°C	ASTM D445	cSt	105,8
Kinematic Viscosity at 100°C	ASTM D445	cSt	17,8
Viscosity Index	ASTM D2270	-	186
C.C.S. Viscosity at -30°C	ASTM D5293	cP	4.800
HT-HS Viscosity at 150°C / 10 ⁶ s ⁻¹	ASTM D4683	cP	4,60
T.B.N. (Total Base Number)	ASTM D2896	mg(KOH)/g	8,0
Sulphated Ash	ASTM D874	% (w/w)	0,80
Flash Point (C.O.C.)	ASTM D92	°C	> 220
Pour Point	ASTM D97	°C	-38

The data just above refer to average values and must not be understood as guaranteed characteristics.

This Technical Data Sheet has been carefully checked to guarantee complete and precise information. However, we do not take any responsibility in case of damages caused by any mistakes or omissions. Due to continual product research and development, the information contained herein is subject to change without notification.