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Krypton Racing

SAE 0W-20

Very high performance fully synthetic, “fuel-economy” lubricant with Alpha-Tech[®], suitable for latest generation car engines.

PAKELO KRYPTON RACING SAE 0W-20 is a very high performance fully synthetic lubricant with Alpha-Tech[®], suitable 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 provides the following characteristics:

- use of selected synthetic base stock mix (Ester / PAO) for a balanced lubricity of the product
- high detergent properties to maintain engine clean in working conditions
- high dispersant properties to avoid deposit and sludge agglomeration in working conditions and to maintain correct viscosity of the product during warming up phase
- adequate anti-wear, anti-corrosion and anti-foam properties
- use of Friction Modifiers additives that reduce friction and working temperatures, supporting a prompt reaction of the engine and turning the functioning smooth and uniform
- outstanding resistance to thermal and oxidative degradation and to carbon residues formation, even under high working temperatures
- low volatility that reduces oil losses caused by evaporation
- easy and safe start-ups (even at very low temperatures) and high reliability during standard engine working conditions (at every climatic condition)
- "fuel-economy": the use of the product can result into fuel savings and a prompt reply of the engine, making functioning soft and uniform
- specific additive technology that allows to extend working life of all post-treatment devices present in latest generation engines

PAKELO KRYPTON RACING SAE 0W-20 is perfectly compatible with all the lubricants that have the same application. However, we recommend to avoid mixing it with other products for not undermining its exceptional properties.

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Application fields

PAKELO KRYPTON RACING SAE 0W-20 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, the product can also be used in turbodiesel engines of modern vehicles.

The product is suitable for engines requiring "fuel-economy" lubricants.

Warning: this product is not suitable in those engines requiring lubricants with a minimum HT-HS Viscosity equal or higher than 3.5cP

PAKELO KRYPTON RACING 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.

Pakelo Recommendations

ACEA C2, API SP.

Chemical-Physical Characteristics

Krypton Racing	Method analysis	Unit measure	Value SAE 0W-20
Density at 15°C	ASTM D1298	kg/l	0,852
Kinematic Viscosity at 40°C	ASTM D445	cSt	47,2
Kinematic Viscosity at 100°C	ASTM D445	cSt	8,8
Viscosity Index	ASTM D2270	-	168
C.C.S. Viscosity at -35°C	ASTM D5293	cP	5.200
HT-HS Viscosity at 150°C / 10 ⁶ s ⁻¹	ASTM D4683	cP	3,00
T.B.N. (Total Base Number)	ASTM D2896	mg(KOH)/g	7,0
Sulphated Ash	ASTM D874	% (w/w)	< 0,80
Flash Point (C.O.C.)	ASTM D92	°C	210
Pour Point	ASTM D97	°C	-48
Noack evaporability test	ASTM D5800	% (w/w)	6,6

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.