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Helium FXT

SAE 5W-20

Fully synthetic, “fuel economy” lubricant for gasoline engines, also turbocharged, with exhaust gas post-treatment devices. Suitable also for latest generation hybrid cars.

PAKELO HELIUM FXT SAE 5W-20 is a new generation fully synthetic lubricant, 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.

The synthetic bases used reduce product volatility, oxidation and formation of carbon residues.
This enables PAKELO HELIUM FXT SAE 5W-20 to provide extraordinary anti-oxidative properties and to avoid formation of deposits also under high working temperatures.

The low volatility of synthetic bases results into a very significant reduction of oil losses caused by evaporation.

The SAE Viscosity Grade 5W-20 guarantees the correct viscosity for the most severe climatic conditions: this means easy and safe start-ups at very low temperatures (also at -30°C) and reduction of wear risks to minimum.

PAKELO HELIUM FXT SAE 5W-20 is specifically developed for engines requiring "fuel-economy" lubricants. Thanks to its special viscosity properties, the use of the product favours a prompt reply of the engine, making the functioning soft and uniform.

Furthermore, the use of PAKELO HELIUM FXT SAE 5W-20 can result into proven fuel savings.

The product improves protection of all modern engines by guaranteeing longer life of post-treatment devices used in latest generation cars.

Oil drain intervals are usually specified by OEMs and/or on-board electronic devices of latest generation vehicles; their recommendations should be taken into consideration to guarantee engine reliability.

PAKELO HELIUM FXT SAE 5W-20 is compatible with all the lubricants designed for the same application. However, we recommend to avoid mixing it with other products for not undermining its properties.

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Helium FXT

SAE 5W-20

Application fields

PAKELO HELIUM FXT SAE 5W-20 has been developed for gasoline engines, naturally aspirated or supercharged and requiring "fuel-economy" lubricants.
Suitable also for latest generation hybrid car engines.

Special additives and high quality synthetic base stocks enable to recommend the use of this product also for engines working under heavy duty conditions as for instance "stop and go" service.

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

Performance levels

API SP-RC, **ILSAC** GF-6A.

Chemical-Physical Characteristics

Helium FXT	**Method analysis**	**Unit measure**	**Value SAE 5W-20**
Density at 15°C	ASTM D1298	kg/l	0,849
Kinematic Viscosity at 40°C	ASTM D445	cSt	47,6
Kinematic Viscosity at 100°C	ASTM D445	cSt	8,4
Viscosity Index	ASTM D2270	-	153
C.C.S. Viscosity at -30°C	ASTM D5293	cP	5.000
HT-HS Viscosity at 150°C / 10^6 s^-1	ASTM D4683	cP	2,70
T.B.N. (Total Base Number)	ASTM D2896	mg(KOH)/g	7,2
Sulphated Ash	ASTM D874	% (w/w)	0,80
Flash Point (C.O.C.)	ASTM D92	°C	> 210
Pour Point	ASTM D97	°C	-40
Noack evaporability test	ASTM D5800	% (w/w)	7,0

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.

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