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# Multi-V EVO

SAE 20W-50

**Lubricant for gasoline and Diesel engines, also supercharged, of the latest generation.**

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PAKELO MULTI-V EVO SAE 20W-50 is a new generation lubricant fully formulated with Group II mineral base stocks and exclusive additives that confer to the product high detergent, dispersant, anti-oxidative, anti-corrosion, anti-wear and antifoam properties.

The bases used reduce product volatility, oxidation and formation of carbon residues. This enables PAKELO MULTI-V EVO SAE 20W-50 to provide very high anti-oxidative properties and to avoid formation of deposits also under high working temperatures.

Furthermore, the low volatility of the bases results into a very significant reduction of oil losses caused by evaporation.

The SAE Viscosity Grade 20W-50 guarantees the correct viscosity for the most severe climatic conditions: this means easy and safe start-ups at very low temperatures (also at -15°C) and reduction of wear risks to minimum.

Thanks to the special viscosity properties, the use PAKELO MULTI-V EVO SAE 20W-50 can result into a prompt reply of the engine, making functioning soft and uniform.

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

PAKELO MULTI-V EVO SAE 20W-50 exceeds the main performance levels on the market. It is possible to extend oil drain intervals, according to Constructors' recommendations.

Oil drain intervals are specified by OEMs and their recommendations should be taken into consideration to guarantee engine reliability.

PAKELO MULTI-V EVO SAE 20W-50 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 MULTI-V EVO SAE 20W-50 has been developed for gasoline and Diesel engines, aspirated or supercharged, working also under heavy duty conditions as for instance “stop and go” service.

The use of special additives and highly selected mineral base stocks enable the use also in earlier generation engines of cars and vans.

## Performance levels

**ACEA A3/B4, ACEA A3/B3, API SN, MB 229.1, VW 501.01, VW 505.00.**

## Chemical-Physical Characteristics

Multi-V EVO	Method analysis	Unit measure	Value SAE 20W-50
Density at 15°C	ASTM D1298	kg/l	0,877
Kinematic Viscosity at 40°C	ASTM D445	cSt	154,2
Kinematic Viscosity at 100°C	ASTM D445	cSt	18,0
Viscosity Index	ASTM D2270	-	129
C.C.S. Viscosity at -15°C	ASTM D5293	cP	6.000
HT-HS Viscosity at 150°C / 10 <sup>6</sup> s <sup>-1</sup>	ASTM D4683	cP	5,00
T.B.N. (Total Base Number)	ASTM D2896	mg(KOH)/g	11,0
Sulphated Ash	ASTM D874	% (w/w)	1,10
Flash Point (C.O.C.)	ASTM D92	°C	200
Pour Point	ASTM D97	°C	-30
Noack evaporability test	ASTM D5800	% (w/w)	5,2

*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.*