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TAKTOL Expert FE-Synth 5W-30

Description

Expert FE-Synth 5W-30 is a synthetic engine oil developed using specially selected base oils formulated with **GENERATION Technology®** concept and innovative complex of additives that reduce friction. The "Fuel economy" class oil specially formulated for high-power gasoline and diesel engines, requiring low high temperature shear rate viscosity (HTHS) ranging from 2.9 to 3.5 mPas.

Expert FE-Synth 5W-30 ensures easy engine start at low temperatures, fuel economy and low burning oil consumption, excellent wear protection at high temperatures. Special additives do not allow combustion residue deposits to form and increase oil viscosity, holding the soot in suspension, thereby ensuring the purity of the piston group. It allows operation using biodiesel, as well as with extended oil change intervals, installed on-Board vehicle diagnostics systems provided by the manufacturer.

Application

Expert FE-Synth 5W-30 is recommended to use in cars and light commercial vehicles gasoline and diesel engines (especially with timing chain), equipped DPF (for Ford cars meet the specification WSS-M2C913-D) and turbochargers, or without them. Expert FE-Synth 5W-30 is developed by reference to specific features of the modern engines structure engineered after 2002 and is applicable for various types of engines in accordance with carmakers recommendations.

Performance Level

API SL/CF, ACEA A1/B1, A5/B5
Meets the requirements of
Renault RN0700
Iveco 18-1811 Classe S1/S2
Ford WSS-M2C913- A/B/C/D
Jaguar/Land Rover STJLR.03.5003

Typicals

Characteristics	Date	Unit
Density at 15 °C	0.848	kg/l
Viscosity, 100 °C	> 10.3	mm ² /s
Viscosity, 40 °C	> 59.25	mm ² /s
Viscosity, CCS	> 4870	mPa.s
Viscosity Index	> 163	-
TBN	> 9.5	mgKOH/g
Sulphate Ash	1.16	%
Flash Point, COC	228	°C
Pour Point, °C	-39	°C

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