8100 X-cess 5W-40

Gasoline and Diesel engine oil

100% Synthetic

TYPE OF USE

Specifically designed for powerful and recent cars fitted with high displacement engines, gasoline, Direct injection turbo Diesel and catalytic converters.
Numerous car maker approvals make this product multipurpose especially recommended when the car is under warranty.
Suitable for leaded or unleaded gasoline, Diesel fuels and LPG.

PERFORMANCES

STANDARDS	ACEA A3 / B3 / B4
APPROVALS	API SL / CF
	VW 502 00 / 505 00 - BMW 'Long Life-98' - PORSCHE
	Mercedes Benz 229.3 - **OPEL/GM Diesel LL B-025**

** The **OPEL/GM Diesel LL B-025** standard requires two main properties to the lubricant : high HTHS and very low volatility to drastically decrease oil consumption. Motul 8100 X-cess 5W-40 is especially recommended for OPEL 2.0 and 2.2 DTI engines (extended drain interval : computer on board).*
** The ACEA B4 performance requires an outstanding detergent/dispersent power and a better viscosity increase resistance due to soot produced by Direct Injection Diesel engines (excep VW unit injector engines that require MOTUL Specific 505.01 5W-40)*
** The MB 229.3 standard is more stringent than 229.1 in terms of ageing resistance (extended drain interval : computer on board), detergent/dispersent power (ACEA B4) and requests fuel economy performance : 1.2% fuel economy improvement versus a 15W-40 reference.*

RECOMMENDATION

Drain interval : refer to manufacturers' recommendations and tune to your own use.
MOTUL 8100 X-cess 5W-40 can be mixed with synthetic or mineral oils.

PROPERTIES

Viscosity grade	SAE J 300	**5W-40**
Density at 15°C (59°F)	ASTM D1298	0.854
Viscosity at 100°C (212°F)	ASTM D445	14.0 mm²/s
Viscosity at 40°C (104°F)	ASTM D445	83.1 mm²/s
Viscosity index	ASTM D2270	173
Pour point	ASTM D97	-39°C / -38°F
Flash point	ASTM D92	228°C / 442°F
TBN	ASTM D 2896	10.3 mg KOH/g

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