



PRODUCT DATA SHEET

# DuraMAX<sup>®</sup> SYNTHETIC EURO MOTOR OIL

SYNTHETIC MOTOR OIL



## PRODUCT DESCRIPTION

**DuraMAX<sup>®</sup> SYNTHETIC EURO MOTOR OILS** are synthetic 'full SAPS' formula engine oils designed to meet and perform at the highest standards required in European gasoline and light-duty diesel engines both naturally aspirated and turbocharged.

## PRODUCT APPLICATION

**DuraMAX SYNTHETIC EURO MOTOR OILS** are designed for use in modern European gasoline and diesel passenger cars, light trucks and sport utility vehicles, including gasoline-electric hybrids, especially when operating under severe conditions.

They are also suitable for use in European engines fitted with direct injection, multi-valve injection and turbo-compressed injection systems where a 'full SAPS' formulation is recommended.

## SPECIFICATIONS

API SN  
ACEA A3/B3, A3/B4  
BMW LL-01  
MB 229.3, 229.5  
Porsche A40  
Renault RN 0700/0710  
VW 502.00/505.00 (SAE 5W-40)  
VW 501.01/502.00/505.00 (SAE 0W-40)

## FEATURES AND BENEFITS

**DuraMAX SYNTHETIC EURO MOTOR OILS** provides superior performance and protection against wear and the formation of harmful deposits and varnish in today's high-performance European engines.

Formulated using premium synthetic base oils and chemically advanced additives, **DuraMAX SYNTHETIC EURO OILS** help reduce oil consumption, resist thermal degradation and inhibit sludge formation that can decrease engine power and increase oil consumption.

**DuraMAX SYNTHETIC EURO MOTOR OILS** ensure smooth and consistent start up and oil flow in low temperature conditions as well as protection against low-speed pre-ignition (LSPI) which can occur in modern GDI and TGI engines.



## TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	SAE 0W-40	SAE 5W-40
Viscosity @ 40°C (cSt)	ASTM D445	77.3	77.3
Viscosity @ 100°C (cSt)	ASTM D445	13.4	13.2
Viscosity Index	ASTM D2270	177	174
Flash Point, °C/°F	ASTM D92	222/436	225/437
Pour Point, °C/°F	ASTM D5950	-45/-49	-39/-38
Cold Cranking Simulator @ °C, cP	ASTM D5293	5815 (-35)	6085 (-30)
High Temp/High Shear Vis @ 150°C, cP	ASTM D5481	3.7	3.7
NOACK Volatility, % loss	ASTM D5800	9	10
TBN, mg KOH/g	ASTM D2896	10.3	9.8

This product is not expected to have any adverse health implications when used for its intended purposes. Always wear protective gloves when handling used oil and dispose of properly. Avoid contact with skin and wash immediately with soap and water should any contact occur. Always follow manufacturers recommendations for fluid viscosity and service category. RelaDyne assumes no responsibility for product misuse or improper application. For a copy of this product's Safety Data Sheet (SDS), visit [www.RELADYNE.com](http://www.RELADYNE.com) Rev (0222-01)



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