



SUNOCO ULTRA FULL SYNTHETIC EURO ENGINE OILS

OVERVIEW

SUNOCO ULTRA FULL SYNTHETIC EURO, EURO PLUS, and EURO SYN V engine oils are designed to meet the high standards of lubrication for modern naturally aspirated, turbo-charged and super-charged engines. Designed for the latest high performance European gasoline and diesel engines, SUNOCO ULTRA FULL SYNTHETIC EURO products maintain extended drain intervals and enhanced fuel economy while providing superior oxidation protection and low temperature flow properties.

FEATURES & BENEFITS

SUNOCO ULTRA FULL SYNTHETIC EURO engine oil products provide superior engine wear protection by inhibiting the formation of sludge and varnish as well as rust and bearing corrosion. **SUNOCO ULTRA FULL SYNTHETIC EURO** engine oil products use synthetic base stocks and advanced additive systems and have excellent viscosity and thermal breakdown properties at higher temperatures, while still providing protection during cold starts. They are low volatility oils leading to reduced oil consumption.

APPLICATIONS

SUNOCO ULTRA FULL SYNTHETIC EURO engine oil products are suitable for use against a wide range of North American and European performance requirements. SUNOCO ULTRA FULL SYNTHETIC EURO oils are a "reduced SAPS" product designed for modern engines fitted with aftermarket devices to help OEM's comply with environmental emissions legislation. SUNOCO ULTRA FULL SYNTHETIC EURO PLUS are "full SAPS" products with excellent TBN retention and viscosity increase control essential for extended drain applications. SUNOCO ULTRA FULL SYNTHETIC EURO SYN V is specifically formulated for low-SAPS, Euro IV emissions standard complaint diesel engines and almost all model year 2000 and newer VAG passenger car diesel engines with extended service intervals, unitary injector pumps, and "PD" engines.

SPECIFICATIONS

5W-30 EURO: API SN/CF • GM dexos2 • ACEA C3-10 • MB 229.31 • MB 229.51 • BMW LL-04 • RENAULT RN 0700 • VW 505.00
5W-40 EURO: API SN/CF • GM dexos2 • ACEA C3-10 • MB 229.31 • MB 229.51 • BMW LL-04 • PORSCHE A40 • RENAULT RN 0700/0710 • VW 505.00/505.01
0W-40 EURO PLUS: API SN/CF • ACEA A3/B4-12 • MB 229.3 • MB 229.5 • BMW-LL-01 • PORSCHE A40 • RENAULT RN 0700/0710 • VW 502.00/505.00
5W-30 EURO PLUS: API SL/CF • ACEA A3/B4-12 • MB 229.3 • MB 229.5 • BMW-LL-01 • RENAULT RN 0700 • VW 502.00/505.00
5W-40 EURO PLUS: API SN/CF • ACEA A3/B4-12 • MB 229.3 • MB 229.5 • MB 226.5 • BMW-LL-01 • PSA B71 2290 • PORSCHE A40 • RENAULT RN 0700/0710 • VW 502.00/505.00
5W-30 EURO SYN V: API SN • ACEA C3-16 • BMW-LL-04 • MB 229.51 • PORSCHE C30 • VW 504.00/507.00, TL 52195

TYPICAL PROPERTIES

PRODUCT CODES	6503	6513	6553	6523	6533	6543
Product	5W30 EURO	5W-40 EURO	0W-40 EURO PLUS	5W-30 EURO PLUS	5W-40 EURO PLUS	5W-30 EURO SYN V
Viscosity, cSt @ 100°C	12.1	13.2	14.0	11.6	13.2	10.8
Viscosity, CCS cP @ -30°C	5640	5710	5400	5780	5800	6300
Phosphorous, Wt. (%)	0.080	0.080	0.093	0.093	0.093	0.095
Zinc, Wt. (%)	0.088	0.088	0.102	0.102	0.102	0.104
HTHS cP @150°C	3.5	3.6	3.2	3.4	3.7	3.7
NOACK, Wt. (%)	10.0	10.0	10.0	10.0	10.0	14.2
TBN	8	8	10	10	10	9