



## SUNOCO ULTRA FULL SYNTHETIC EURO SYN V SERIES ENGINE OILS

### OVERVIEW

**SUNOCO ULTRA FULL SYNTHETIC EURO SYN V SERIES 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 SYN V SERIES ENGINE OIL** products maintain required drain intervals and enhanced fuel economy, while providing superior oxidation protection, and low temperature flow properties.

### APPLICATIONS

**SUNOCO ULTRA FULL SYNTHETIC EURO SYN V** lubricants are specifically formulated for VW engine designs and low-SAPS, Euro IV emissions standard complaint diesel engines. **SUNOCO ULTRA FULL SYNTHETIC EURO SYN V SAE 0W-30 and 5W-30** are suitable for almost all model year 2000 and newer VAG passenger car diesel engines specifying a **504.00-507.00** specification and that have extended service intervals, unitary injector pumps, or "PD" engines. **SUNOCO ULTRA FULL SYNTHETIC EURO SYN V SAE 0W-20** has been expressly formulated for the latest **508.00-509.00** specification that demands enhanced fuel economy, compatibility with aftermarket exhaust treatment systems, extended drain intervals, and enhanced wear protection even at lower viscosities.

### FEATURES & BENEFITS

**SUNOCO ULTRA FULL SYNTHETIC EURO SYN V SERIES ENGINE OILS** 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 SYN V SERIES ENGINE OILS** 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.

### SPECIFICATIONS

**0W-20 EURO SYN V:** API SP, SN PLUS • ACEA C5-21, C5-16 • PORSCHE C20 • VW 508.00/509.00, TL 525 77

**0W-30 EURO SYN V:** ACEA C3-21, C3-16 • BMW-LL-04 • MB 229.31, 229.51, 229.52 • PORSCHE C30 • VW 504.00/507.00, TL 525 45

**5W-30 EURO SYN V:** API SN • ACEA C3-16 • BMW-LL-04 • MB 229.31, 229.51, 229.52 • PORSCHE C30 • VW 504.00/507.00, TL 521 95

### TYPICAL PROPERTIES

PRODUCT CODES	6583	6593	6543
Product	0W-20 EURO SYN V	0W-30 EURO SYN V	5W-30 EURO SYN V
Appearance	Blue	Amber	Amber
Viscosity, cSt @ 100°C	8.2	12.0	10.8
Viscosity, CCS cP @ -30°C	6300	5900	6300
Phosphorous, Wt. (%)	.080	.080	.080
Zinc, Wt. (%)	.088	.087	.087
Sulfated Ash, % wt.	.80	.70	.70
HTHS cP @150°C	2.7	3.5	3.6
NOACK, Wt. (%)	10.0	10.0	9.0
TBN	9.3	8.1	8.7

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