

Product Data Sheet

European Passenger Car Full Synthetic Engine Oil Premium Gold

SAE:	5W30 Euro	5W40 Euro	0W40 Euro Plus	5W30 Euro Plus	5W40 Euro Plus	5W30 Euro Syn V
Product Code:	801	802	803	804	805	806

OVERVIEW

European Passenger Car Full Synthetic Engine Oils are designed to exceed 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.

European Passenger Car Full Synthetic Engine Oil maintains extended drain intervals and enhance fuel economy, while providing superior oxidation protection, and low temperature flow properties.

European Passenger Car Full Synthetic Engine Oil products provide superior engine protection under all driving conditions and specifically formulated to provide extra protection against the harmful effects of city driving, where cars undergo a higher stress due to constant stops and starts.

OEM's comply with environmental emissions legislation.

European Passenger Car Full Synthetic Engine Oil Euro Plus products re "full SAPS" products with excellent TBN retention and viscosity increase control essential for extended drain applications.

European Passenger Car Full Synthetic Engine Oil 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.

FEATURES / BENEFITS

European Passenger Car Full Synthetic Engine Oil products provide superior engine wear protection by inhibiting the formation of sludge and varnish as well as rust and bearing corrosion. **European Passenger Car Full Synthetic 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.

SPECIFICATION /Suitable for Use Claims

5W-30 EURO: Exceeds API SN • GM dexos2 • ACEA C3-10 • MB 229.31 • MB 229.51 • BMW LL-04 • RENAULT RN 0700 • VW 505.00/502.00 • VW 505.01

5W-40 EURO: Exceeds API SN • GM dexos2 • ACEA C3-10 • MB 229.31 • MB 229.51 • BMW LL-04 • PORSCHE A40 • RENAULT RN 0700/0710 • VW 505.0/502.00 • VW 505.01

0W-40 EURO PLUS: Exceeds 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: Exceeds API SL • 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: Exceeds API SN • 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: Exceeds API SL • ACEA C3-12 • MB 229.51 • BMW-LL-01 • PORSCHE C30 • VW 504.00/507.00

APPLICATIONS

European Passenger Car Full Synthetic Engine Oil products are suitable for use against a wide range of North American and European performance requirements.

European Passenger Car Full Synthetic Engine Oils Euro products are a "reduced SAPS" product designed for modern engines fitted with aftermarket devices to help

ALWAYS CONSULT YOUR OWNER'S MANUAL FOR THE PROPER LUBRICANT OIL FOR YOUR EQUIPMENT.

TYPICAL TEST DATA

PRODUCT CODE	801	802	803	804	805	806
SAE GRADE	5W-30	5W-40	0W-40	5W-30	5W-40	5W30
API/ILSAC/ ACEA Specifications	SN, GM Dexos2, /C3-10	SN, GM Dexos2, /C3-10	SN/CF, A3/B4-12	SL, A3/B4-12	SN, A3/B4-12	SL, /C3-12
Specific Gravity	0.0852	0.0852	0.821	0.855	0.858	0.850
Viscosity, cSt @ 100°C	12.1	13.2	14.0	11.6	13.2	10.8
Viscosity, Cold Crank S cP @-30°C	5640	5710	5400	5780	5800	6300
Zinc, Wt. (%)	0.008	0.008	0.102	0.102	0.102	0.104
Phosphorus, Wt. (%)	0.080	0.080	0.093	0.093	0.093	0.095
(NOACK), Wt. (%)	10.0	10.0	10.0	10.0	10.0	14.2
High Temp/ High Shear, cP @150°C	3.5	3.6	3.2	3.4	3.7	3.7
TBN	8	8	10	10	10	9

The above test data are average values only. Minor variations which do not affect product performance are to be expected during manufacturing. Specific PDS for each product will be provided upon purchase.