

PRODUCT DATA SHEET

SYNX-504/507

NEW FORMULA, LSPI DURABLE, EXCEPTIONAL QUALITY COMBATING LSPI

LSPI (Low Speed Pre-Ignition) is triggered by oil droplets or deposit particles within the combustion chamber, combinations of fuel and oil, that ignite previous to spark leading to uncontrolled combustion. It can result in extraordinarily soaring pressures in the combustion chamber and pressure wave reversals that are sufficiently forceful to cause catastrophic engine damage. Most commonly, damage includes broken pistons and rings leading to engine replacement. SYNX-504/507 has been formulated with the latest OEM approved additive technology to mitigate LSPI, provide outstanding engine protection and guarantees the hardware remains functional for the full oil drain interval or component lifetime.

SYNX- 504/507 is a high-performance engine oil made with synthetic base stocks for the demanding levels of performance required for Volkswagen specification VW 504.00 and 507.00.

SYNX-504/507 uses the latest additive technology and unique stay in grade V.I improvers to provide the highest level of power, performance and protection for modern petrol and light diesel vehicles with or without exhaust after treatment systems.

SYNX-504/507 protects engines against lubricant viscosity increase while maintaining shear stability and exceptional fuel economy for all the newest Volkswagens to operate at their ultimate level without compromise.

SYNX-504/507 complies with the latest OEM specification upgrades for European vehicles such as Audi, Mercedes Benz and BMW.



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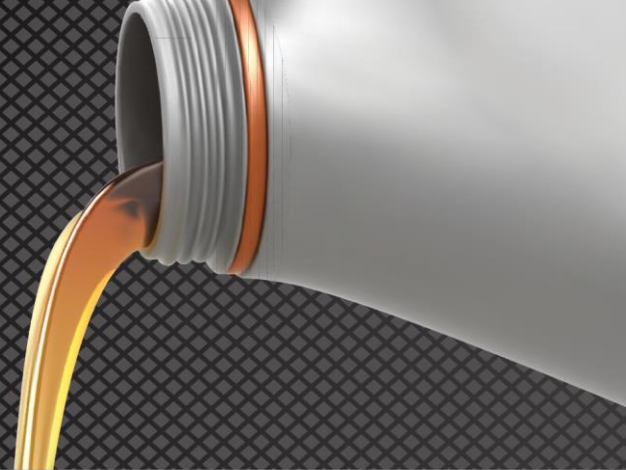


QUALITY SERVICE/
RELIABILITY PERFORMANCE



AUSTRALIAN MADE
& OWNED

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Benefits associated with this unique detergent technology include:

- Antioxidant properties which control weak acid formation and viscosity growth
- Powerful detergency and ability to prevent build-up of piston deposits
- Excellent acid neutralization properties and TBN retention
- Exceptional soot handling performance
- Outstanding wear protection - delivering over 70% more protection than ACEA C3 limits.
- Enables TGDI efficiency, compatibility and durability.
- Decreases engine emissions while maintaining maximum fuel efficiency
- Guaranteed quality assurance to consumers vehicles
- Mid SAPS (Sulphated Ash, Phosphorous and Sulphur) OEM approved technology to safeguard aftertreatment compatibility and component longevity.



TYPICAL PROPERTIES

Density @ 15°C	0.854
Viscosity @ 40°C (cSt)	67.1
Viscosity @ 100°C (cSt)	11.9
Viscosity Index	177
Cold Crank Viscosity (cP@-30°C)	5980
Open Flash Point (°C)	225
Sulphated Ash (%mass)	0.76
Phosphorus (%mass)	0.075
Zinc (%mass)	0.087
Calcium (%mass)	0.105
HTHS (cP @ 150 °C)	>3.5
TBN	8.3

PERFORMANCE SPECIFICATIONS

SAE: Viscosity 5W-30
 ACEA: C3
 API: SP
 BMW: LL-04
 MB- 229.52, 229.51, 229.31
 Porsche: C30
 Volkswagen: 504.00, 507.00
 Opel/Vauxhall: OV0401547

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