

SYN 5W30 HP EURO

High Performance Synthetic SAE 5W30 Engine Oil

Description

SYN 5W30 HP EURO is a full synthetic gasoline and light duty diesel engine oil engineered for high performance European automobiles including Mercedes Benz, Volkswagen, BMW, and Porsche.

SYN 5W30 HP EURO is a unique blend of mid-sulfated ash, phosphorus, and sulfur (SAPS) for improved emission controls and is appropriate for use with Diesel Particulate Filters (DPF) and three-way Catalyst (TWC) devices.



Physical, Chemical & Performance Properties		
Properties	ASTM	Results
Product Number		018
SAE Grade		5W30
Kinematic Viscosity		
Viscosity @ 100°C cSt	D 445	12.1
Viscosity @ 40°C cSt	D 445	69.2
Viscosity Index	D 2270	164
Cold Crank Simulator, cP	D 5293	6015 (-30°C)
Flash Point, °C (°F) (COC)	D 92	220 (428)
Fire Point, °C (°F) (COC)	D 92	236 (457)
Pour Point, °C (°F) (COC)	D 97	-46 (-51)
NOACK (%wt loss)	D 5800	7.9%
Four Ball Wear Test 75°C, 1200 rpm, 40 kg, 1 hr	D 4172	.48
Total Base Number (TBN)	D 2896	8.4
HTHS (cP)	D 5481	3.6

Features / Benefits

- Excellent heat resistance and cold temperature performance
- Mid SAPS meets OEM requirements for emission system protection
- Thermally stable formula protects turbocharged engines against deposits
- Meets long life requirements of OEMs
- Compatible with conventional and synthetic oil

Applications

SYN 5W30 HP EURO is a non-licensed product designed for gasoline and diesel engines requiring a listed specification in a SAE 5W-30 viscosity grade.

OEM Specification	
ACEA C3	✓
API SN, SM...	✓
BMW LL-04	✓
Chrysler MS-11106	✓
GM dexos2	✓
Mercedes Benz 229.51	✓
Porsche C30	✓
Volkswagen 504.00/507.00	✓