

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 control 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	11.7
Viscosity @ 40°C, cSt	D 445	69.1
Viscosity Index	D 2270	164
Cold Crank Simulator, cP	D 5293	6015 (-30°C)
Flash Point, °C (°F) (COC)	D 92	226 (439)
Fire Point, °C (°F) (COC)	D 92	248 (478)
Pour Point, °C (°F) (COC)	D 92	-50 (-58)
NOACK (%wt loss)	D 5800	7.3%
Four Ball Wear Test 75°C, 1200 rpm, 40 kg, 1 hr	D 4172	.475
Total Base Number (TBN)	D 2896	8.7
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	
API SN, SM...	✓
BMW LL-04	✓
Mercedes Benz 229.51	✓
Porsche C30	✓
Volkswagen 504.00/507.00	✓
ACEA C3	✓
Chrysler MS-11106	✓
GM dexos2	✓