

SYN 0W-40 HP EURO

High Performance Synthetic SAE 0W40 Engine Oil

Description

SYN 0W40 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 0W40 HP EURO is a unique blend of full sulfated ash, phosphorus and sulfur (SAPS).

Physical, Chemical & Performance Properties

Properties	ASTM	Results
Product Number		020
SAE Grade		0W40
Kinematic Viscosity		
At 100°C, cSt	D 445	13.4
At 40°C	D 445	76.4
Viscosity Index	D 2270	180
Cold Crank Simulator, cP	D 5293	5910 (-35°C)
Flash Point, °C (°F) (COC)	D 92	230 (446)
Fire Point, °C (°F) (COC)	D 92	242 (468)
Pour Point, °C (°F) (COC)	D 97	-51 (-60)
NOACK (%wt loss)	D 5800	10.1%
Four Ball Wear Test 75°C, 1200rpm, 40kg, 1 hr	D 4172	.47
Total Base Number (TBN)	D 2896	10.1
HTHS (cP)	D 5481	3.7

Features/Benefits

- ✓ **Excellent Heat Resistance and Cold Temperature Performance**
- ✓ **Highly Active Zinc/Phosphorus** delivers Excellent Wear Protection
- ✓ **High Dispersant/Detergent** Content Maintains Very Clean Engines
- ✓ **Meets Long Life Requirements of OEMs**
- ✓ **Compatible with Conventional and Synthetic Oil**

Applications

SYN 0W40 HP EURO is a non-licensed product designed to meet the following OEM specifications.

OEM Specification	
ACEA A3/B3, A3/B4	✓
API SN, SM, SL, SJ	✓
BMW LL-01	✓
Mercedes Benz 229.1/229.3/229.5	✓
Porsche A40	✓
Volkswagen 502.00/505.00	✓
Renault 0710, 0700	✓