



TOP 1 OIL PRODUCTS COMPANY

Product Data Sheet

Revised: Sept. 2009

TOP 1 HP

DESCRIPTION

TOP 1 HP is a high performance oil designed to meet the latest passenger car manufacturers warranty requirements. Specifically formulated to meet the demands of the small displacement high RPM fuel efficient engines found in today's domestic and foreign vehicles. These engines experience higher operating temperatures and require a motor oil which offers maximum protection against both viscosity and thermal breakdown.

The oil is a "Syn-blend" of premium base oils and special additives which protects against high temperature oxidation, wear, and viscosity breakdown. It is fortified with detergent-dispersants and rust and corrosion inhibitors to keep engines exceptionally clean and free of sludge, varnish and rust.

It meets the performance of API SM specification

FEATURES AND ADVANTAGES

- Meets and exceeds OEMs warranty requirements.
- Highly oxidation stable - protects engine from oil thickening, high temperature sludge and varnish deposits.
- Effective detergent-dispersants keeps engine parts clean.
- High TBN/alkaline reserve effectively neutralizes corrosive acids formed by combustion to protect critical turbo bearings and other vital engine surfaces.
- Anti-wear agents effectively protect cam lobes and other highly loaded parts from wear.
- Exceeds API Service Classification of API SM requirements.
- Recommended for all types of Passenger Cars, Motor Cycles etc.

TYPICAL SPECS

GRADE, SAE	ASTM TEST	20W50
API Gravity	D-287	31.5
Flash Point, °F	D-92	400
Pour Point, °C	D-97	-20
Viscosity:		
cST @ 100°C	D-445	20.5
CCS @ -25°C	D-5293	
Viscosity Index	D-2270	155
Appearance	Visual	Bright & Clear
Color	D-1500	
Calcium, wt%		0.19
Magnesium, wt%		
Phosphorus, wt%		
Zinc, wt%		0.08
Sulfated Ash, wt%	D-874	0.9
TBN	D-2896	6.5
Product Number:		
12x1 Liter		17011
4x4 Liter		17016
24x1 Liter Can		17018
24x1 Quart		10710
24x800 cc		10710-2
1x18.95 Liter		10710-5
1x200 Liter		10710-7

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY

851 Burlway Rd., Ste 600, Burlingame, CA 94010, Tel: 650.347.3691 Fax: 650.340.8739 www.top1oil.com