



TOP 1 HP PLUS

DESCRIPTION

TOP 1 HP PLUS 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

- HP Plus 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	10W40	10W30	5W-30
API Gravity	D-287	31.9	32.0	32.0
Flash Point, °F	D-92	410	410	410
Pour Point, °C	D-97	-25	-25	-30
Viscosity:				
cST @ 100°C	D-445	15.0	10.5	10.5
CCS @ -25°C	D-5293	6000	6000	6000
Viscosity Index	D-2270	150	150	150
Appearance	Visual	Bright & Clear	Bright & Clear	Bright & Clear
Color	D-1500	2.5	2.5	3.0
Calcium, wt%		0.19	0.19	0.195
Magnesium, wt%				
Phosphorus, wt%				
Zinc, wt%		0.084	0.084	0.095
Sulfated Ash, wt%	D-874	0.9	0.9	0.9
TBN	D-2896	6.5	6.5	6.5
Product Number:				
12x1 Liter		17131	17181	17191
4x4 Liter		17136	17186	17196
12x1 Liter Can		10719-1	10729	
24x1 Liter Can		10719		

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY

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