



# TECH REPORT



The Original Bardahl USA

## MVP 10W-30 SEMI-SYNTHETIC MOTOR OIL

**Specifications: API SQ**

**ProductNo(s): 22120-22123**

### Product Description

**MVP 10W-30 SEMI-SYNTHETIC MOTOR OIL** is a high performance passenger car engine oil designed to meet the latest car OEM warranty requirements. It is formulated to meet the demands of the small displacement high RPM fuel efficient engines found in today's domestic and foreign automobiles. The oil is a blend of the premium base oils and special additives which protects against high temperature oxidation, wear, and viscosity breakdown. It is fortified with detergent-dispersants, rust, corrosion inhibitors and friction modifiers to keep engines exceptionally clean and free of sludge, varnish rust and meet the fuel economy requirements.

### Advantages & Uses

- **MVP 10W-30** meets or exceeds ILSAC GF-5 and API Service Classifications of SP and SP-RC requirements and is recommended for domestic and foreign high performance engines. It is recommended for small, high RPM engines including those that are turbo-charged.
- Recommended for passenger cars, light duty pickups, motorcycles and other gaso line engines in mobile and stationary service.
- Appropriate viscosity grades meets the warranty requirements of the Chrysler (MS 6395R), Ford and General Motors specification of GM-6094M.

### Features

- Highly oxidation stable - protects engine from oil thickening, high temperature sludge and varnish deposits.
- Shear stable viscosity index improver protects against breakdown in severe service.
- Effective detergent-dispersants keeps engine parts clean.
- Improved fuel economy means better gasoline mileage.
- High TBN / alkaline reserve effectively neutralizes corrosive acids formed by combustion to protect critical turbo charger bearings and other vital engine surfaces.
- Anti-wear agents effectively protect cam lobes and other highly loaded parts from wear.



### Typical Specifications

TEST	ASTM	Result
Gravity, °API	D-287	30.5
Flash Point, °C	D-92	205
Pour Point, °C	D-97	-30
Viscosity: cSt @ 100 °C	D-445	18.0
Viscosity: cSt @ -30 °C	D-5293	6,200
Viscosity Index	D-2270	145
Appearance	Visual	Bright & Clear
Color	D-1500	Amber
Zinc, Wt. %	D-5185	0.085
Phos, Wt. %	D-5185	0.077
TBN	D-2896	7.9

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY