



TECH REPORT



The Original Bardahl USA

MVP+ 20W-50 SEMI-SYNTHETIC MOTOR OIL

Specifications: API SP

ProductNo(s): 22200-22203

Product Description

MVP+ 20W-50 Semi-Synthetic Motor Oil is a “universal” engine oil that meets the warranty requirement of all major gasoline and diesel engine manufacturers. **MVP+ 20W-50** was specifically developed for use in “mixed fleets” comprised of both gasoline and two-cycle and four-cycle diesel engines. As a multi-grade oil it is especially suited for use over a wide range of temperatures and load conditions with all types of gasoline and diesel fuels.

This motor oil is a blend of highly refined base oils and specially selected additives designed to provide excellent performance in all recommended applications. Contains effective detergent-dispersant to keep sludge and varnish deposits to a minimum. Additionally fortified with oxidation corrosion inhibitors, high temperature anti-wear additives and foam inhibitors, to protect vital engine parts from scuffing and protect bearings from corrosion.



Advantages & Uses

- Exceeds API Service Classification CI-4/SL and is recommended for use in gasoline passenger cars, light trucks, and all diesel vehicles including those with turbocharged engines. MVP+ 20W-50 also exceeds API SH, SG, CF, CE and previous gasoline and diesel engine oil specifications.

Features

- Highly oxidation stable - protects engine from oil thickening, high temperature sludge and varnish deposits.
- Shear stable viscosity index improver-protects against viscosity 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	29.5
Flash Point, °C	D-92	220
Pout Point, °C	D-97	-25
Viscosity: cSt @ 100 °C	D-445	20.5
Viscosity: cSt @ -30 °C	D-5293	8,000
Viscosity Index	D-2270	>130
Apearance	Visual	Bright & Clear
Color	D-1500	Amber
Zinc, Wt. %	D-5185	0.12
Phos, Wt. %	D-5185	N/A
TBN	D-2896	9.0

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY