



TECHNEWS

Published by Product Quality • Marathon Petroleum Company LP



MARATHON VEP 30

HEAVY DUTY MOTOR OIL

PRODUCT DESCRIPTION

MARATHON VEP 30 motor oil is a premium quality automotive engine oil designed to provide excellent engine protection. Specifically formulated to prevent low speed pre-ignition (LSPI¹) - the primary driver for the API SN Plus supplemental standard - and that also help protect the turbocharger components in Turbocharged Gasoline Direct Injection (TGDI) engines.

MARATHON VEP 30 motor oil is formulated to provide an excellent protection against sludge, engine rust and corrosion, resist oil thickening and foaming by providing enhanced oxidation control under severe service conditions and low temperature operating conditions.

INDUSTRY AND OEM SPECIFICATIONS

- ◆ API SN, **SN Plus**, SM, SL, SJ

APPLICATIONS³

Domestic and imported vehicles with Turbocharged gasoline direct-injection (TGDI), conventional gasoline-fueled and flex-fuel passenger cars, light trucks and sport utility vehicles, including gasoline-electric hybrids, especially when operating under severe conditions or anywhere where the manufacturer calls for API SN, SN Plus rated oils.

FEATURES

- ✓ Formulated to protect emissions control system catalysts
- ✓ Advanced varnish and sludge protection to keep engine clean by minimizing deposit formation
- ✓ Excellent fuel economy
- ✓ Good low temperature pumpability for protection during cold starts



TECHNEWS

Published by Product Quality • Marathon Petroleum Company LP



HEAVY DUTY MOTOR OIL

TECHNICAL DATA

(typical values)



SAE GRADE		30
Product Number		07-133012
SDS Number		S131
Resource Conserving, ILSAC GF-5		NO
Viscosity @ 100°C, cSt	D445	10.38
Viscosity @ 40°C, cSt	D445	79.66
Viscosity Index	D2770	114
Specific Gravity at 60°F	D4052	0.877
Pour Point, °C	D5950	-36
Flash Point, °C	D92	210
Color ASTM	D1500	3.5
Noack Volatility, %w	D5800	4
TBN	D2896	9.7

- 1) To learn more about LSPI visit <http://www.infineuminsight.com/insight/jun-2017/lspi-and-lubricant-auto-ignition>
- 2) Always follow operator's manual for recommended viscosity grade and API service classification
Certification Mark "Starburst" and the Service Symbol "Donut" are API's trademarks and cannot be used without proper license

The recommended shelf life for these oils is typically 48 months from manufacturing date when stored properly in the original sealed containers