



High VI Motor Oil Non-Detergent

Gasoline Engine Oil

High VI Motor Oils are economical, good quality oils designed for use in gasoline engines that require non-detergent motor oils or specifically an oil meeting API SA Service Classification. They are not recommended for use in newly rebuilt or late model engines. They are especially effective in the lubrication of bearings, chains, slides and other components that are lubricated on a “Once through” basis.

Product Features:

- Controls and minimizes excessive wear
- Low pour points of base oils allows fluid to operate at lower temperatures

Customer Benefits:

- Oxidations inhibited to improve stability
- Contains anti-foam agents
- Higher viscosity index reduces thinning at higher operating temperatures

Applications:

- Recommended and designed for gasoline engines requiring non-detergent motor oils

Specifications and Approvals:

- API Classification SA/SB



Typical Properties

High VI Motor Oils

Product Number	226	228	229	230	231	Test Method
SAE Grade	10	20	30	40	50	-
API	31.70	30.90	24.50	24.0	28.0	-
Lbs/Gal	7.236	7.273	7.296	7.332	7.383	-
Flash Point °C	211	240	236	250	271	ASTM D92
Pour Point °C	-21	-18	-21	-18	-9	ASTM D97
Color	<4.0	<4.0	<4.0	<4.0	<4.0	ASTM D1500
Viscosity						
@100°C cSt	5.3	8.5	10.8	14.4	18.8	ASTM D445
@40°C cSt	164	68	99	150	220	
Viscosity Index	98	96	95	95	97	-

These properties are typical of the current production. Variations that do not affect product performance are to be expected depending on blending and manufacturing locations. The information contained herein is subject to change without notice.

Health and Safety:

This product is unlikely to have any adverse health implications or safety hazards when used for its intended application. Avoid contact with skin, use resistant gloves when handling used oil. If skin comes in contact wash immediately with soap and water. For complete information on safe handling and product characteristics please refer to the Safety Data Sheet (SDS) found on our website. www.royalmfg.com or call (918)-584-2671.

Packaging options:



1 Gal Jugs



5 Gal Pails



55 Gal Drums



275/330 Gal Totes



>2000 Gal Bulk