

PRODUCT DATA SHEET

Royal High VI Motor Oils **Gasoline Engine Oils**



PRODUCT DESCRIPTION:

Royal High VI Motor Oils are economical, good quality oils designed for use in gasoline engines that require non-detergent motor oils or specify 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.

KEY FEATURES:

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

CUSTOMER BENEFITS:

- Oxidation 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

PACKAGING:

Totes, Drums and Pails

SPECIFICATIONS AND APPROVALS:

API Classification SA/SB

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Typical Properties

Royal High VI Motor Oils						
Product Number	226	228	229	230	231	Test Method
SAE Grade	10	20	30	40	50	
API	31.7	30.9	24.5	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
Viscosity@40°C, cSt	32	68	99	150	220	ASTM D445
Viscosity@100°C, cSt	5.3	8.5	10.8	14.4	18.8	ASTM D445
Viscosity@100°F, SUS	164	353	513	787	1162	ASTM D2161
Viscosity@210°F, SUS	44	55	64	77	96	ASTM D2161
Viscosity Index (VI)	98	96	95	95	97	ASTM D2270

Typical Properties are typical of those obtained with normal production tolerance and do not constitute essentially a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

Health and Safety:

When used for its intended application, this product is not expected to have any adverse health implications. For complete information on safe handling, as well as physical and chemical characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website, www.royalmfg.com, or call 918-584-2671. Do not use this product for purposes other than its intended use. Please be responsible to the environment when disposing of used product.