



PRODUCT DATA SHEET

LUBRICANTS

VP ENGINE ASSEMBLY LUBE

VP Engine Assembly Lube is formulated to cling to engine parts and designed for use by technicians and mechanics during engine building.

VP Engine Assembly Lube will mix with other oils unlike grease based assembly lubes preventing clogging of ports/filters on initial engine start up.

VP Engine Assembly Lube contains ZincDialkylDithioPhosphate (ZDDP) and Molybdenum compounds providing rust/corrosion protection and perfect for long time storage of parts.

TYPICAL PROPERTIES

Engine Assembly Lube

Product Number	2251 12oz Bottle	Test Method
Viscosity @40 °C, cSt	486	ASTM D445
Viscosity @100 °C, cSt	58.2	ASTM D7042
Viscosity Index (VI)	190	Calculated
Specific Gravity @ 60°F	0.87	Calculated
API Gravity	30.4	Calculated
Flash Point, °C	>220	ASTM D92
Pour Point, °C	<-15	ASTM D97

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).

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 above is subject to change without notice.



PRODUCT DATA SHEET

LUBRICANTS

TYPICAL PROPERTIES

VP Classic/Traditional/Nitro Non-Synthetic Racing Oils

Product Number	2681 (QT.)	2685 (QT.)	2687 (QT.)	2689 (QT.)	2678 (QT.)	2691 (QT.)	Test Method
SAE Grade	30	50	60	70	10W-30	20W-50	N/A
Viscosity @40 °C, cSt	82	208	269	414	63	164	ASTM D445
Viscosity @100 °C, cSt	11.0	19.7	23.1	30.1	10.1	18.5	ASTM D7042
Viscosity Index (VI)	121	109	106	102	146	127	Calculated
Specific Gravity @ 60°F	0.88	0.89	0.90	0.90	0.88	0.89	Calculated
API Gravity	28.8	26.8	26.2	25.4	29.6	27.6	Calculated
Cold Cranking Simulation, cP	N/A	N/A	N/A	N/A	<7000 (-25°C)	<9500 (-15°C)	ASTM D5293
HTHS @ 150°C, cP	>2.9	>3.7	>3.7	>3.7	>2.9	>3.7	ASTM D7109
Flash Point, °C	>200	>230	>240	>240	>170	>200	ASTM D92
Pour Point, °C	<-10	<-10	<-10	<-5	<-30	<-20	ASTM D97
Color	L4.0	L4.5	L5.0	L6.0	L4.0	L5.0	N/A
TBN, mgKOH/g	10	10	10	10	10	10	ASTM D2896
Sulfated Ash, %wt	1.2	1.2	1.2	1.2	1.2	1.2	Calculated
Zinc, ppm	1720	1715	1720	1715	1730	1710	ASTM D5185
Phosphorus, ppm	2135	2125	2140	2130	2145	2120	ASTM D5185
Molybdenum, ppm	800	800	800	800	800	800	ASTM D5185

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