



PRODUCT DATA SHEET

LUBRICANTS

VP CI1 HI PERFORMANCE DIESEL ENGINE OIL SAE 5W-40

VP CI1 Hi Performance Diesel Engine Oil is formulated with outstanding high viscosity index synthetic base oils that provide excellent low temperature and high temperature protection.

VP CI1 Hi Performance Diesel Engine Oil exhibits increased fuel economy, wear protection with enhanced levels of ZDDP and advanced film strength for high output turbo and non-turbo diesel engines. The Hi Performance Diesel Engine Oil contains an aggressive detergent dispersant and anti-oxidant package to protect oil thickening and engine deposits. Its applications include high performance diesel engines and diesel tow vehicles. Do NOT mix oil additive supplements with this product.

TYPICAL PROPERTIES

VP CI1 Hi Performance Diesel Engine Oil

Product Number	2695 (QT.)	Test Method
SAE Grade	5W-40	N/A
Viscosity @40°C, cSt	15.0	ASTM D445
Viscosity @100°C, cSt	82.0	ASTM D7042
Viscosity Index (VI)	193	Calculated
Specific Gravity @ 60°F	0.85	Calculated
API Gravity	34.4	Calculated
Cold Cranking Simulation @ -30°C, cP	<6600	ASTM D5293
HTHS @ 150°C, cP	>3.5	ASTM D7109
Flash Point, °C	>200	ASTM D92
Pour Point, °C	<-30	ASTM D97
Color	L5.0	N/A
TBN, mgKOH/g	10	ATSM D2896
Sulfated Ash, %wt	1	Calculated
Zinc, ppm	1780	ASTM D5185
Phosphorus, ppm	1600	ASTM D5185

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.

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).