

Supplier - **FUNCTIONAL**  
**V-160**

*Shear Stable Viscosity Index Improver in Liquid Form  
Viscosity Modifiers*

**Typical Properties**

Appearance	Viscous Colorless to Light-yellow Liquid
Density, lbs/gal	7.10
Viscosity@100°C, cSt	800 - 1200
Shear Stability Index(PSSI), ASTM D6278 30Cycles, %	22

**Product Description**

**FUNCTIONAL V-160** is a viscosity index improver in concentrated liquid form. It can be used to prepare an economical additive for industrial oils or an aftermarket "oil treatment" additive. It may also be used as an inexpensive thickener for oil, to avoid blending with expensive oils like bright stocks. Customers should evaluate the product in their base oil for compatibility and in particular performance at low temperatures. To improve the low temperature properties of the oil a pour point depressant such as **FUNCTIONAL PD-610** is recommended.

**COMPOSITION:**

The active ingredient in **FUNCTIONAL V-160** is a copolymer of ethylene and propylene that has been used as a V.I. improver by major oil companies. The diluent in **FUNCTIONAL V-160** is a paraffinic mineral oil.

**HANDLING:**

Storage at room temperature is recommended. Due to the viscosity of **FUNCTIONAL V-160** at room temperature, elevated temperature (up to approximately 90°C or 200°F) can facilitate handling. **FUNCTIONAL V-160** is a non-hazardous material; see the current Safety Data Sheet.

**Applications**

Industrial Lubricants and Greases

**Suggested Treat Rates, %wt**

5 - 20

Print date: 19-01-26

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