

Supplier - FUNCTIONAL  
**V-158**  
*Viscosity Index Improver*  
*Viscosity Modifiers*

### Typical Properties

Specific Gravity	0.850
Density, lbs/gal	7.1
Flash Point, °C(°F)	175 (350)
Kinematic Viscosity@100°C,cSt	1250
Color	Yellow (1 - 2ASTM)
Thickening Efficiency@100°C(14.5% in ISO 32 Paraffinic Base Oil)	12.5 - 15.5
Shear Stability(10-hr L-38 Test, MIL-L-46152)	28%Thickening Loss
Shear Stability Index(PSSI)ASTM D 6278	45%Thickening Loss

### Product Description

**FUNCTIONAL V-158** is a viscosity index (V.I.) improver that may be used in preparing multi-grade engine oils as well as industrial fluids and lubricants. It may also be used without dilution as a supplemental crankcase additive for the automotive aftermarket.

#### COMPOSITION:

The active thickener in **FUNCTIONAL V-158** 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-158** is a light paraffinic mineral oil.

#### HANDLING:

Due to the viscosity of **FUNCTIONAL V-158**, elevated temperature (up to approximately 90°C or 200°F) can facilitate handling. Safe handling precautions are the same as those to be taken with the base oil; see the current Material Safety Data Sheet.

#### Applications

Industrial Lubricants and Greases

#### Suggested Treat Rates, %wt

5 - 20

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