Supplier - FUNCTIONAL V-158
Viscosity Index Improver

Viscosity Modifiers

## **Typical Properties**

Specific Gravity 0.850

Density,lbs/gal 7.1

Flash Point, $^{\circ}$ C( $^{\circ}$ F) 175 (350)

Kinematic Viscosity@100 $^{\circ}$ C,cSt 1250

Color Yellow (1 - 2ASTM)

Thickening Efficiency@100 $^{\circ}$ C(14.5% in ISO 32 Paraffinic Base 12.5 - 15.5

Silve AFS tability(10-hr L-38 Test, MIL-L-46152) 28% 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.

<u>Applications</u>
Industrial Lubricants and Greases

Shear Stability Index(PSSI)ASTM D 6278

Suggested Treat Rates, %wt 5 - 20

45%Thickening Loss

Print date: 02-12-25