

Supplier - FUNCTIONAL

V-460*Food Grade Superior High Shear Stable Viscosity Index Improver
Viscosity Modifiers*

Typical Properties

Specific Gravity	0.860
Density,lbs/gal	7.16
Flash Point, °C(°F)	150 (302)
Color (ASTM D1500)	Clear to Slight Turbid
Thickening Efficiency@100°C(10.0% in ISO22 Oil),cSt	7.0 - 12.0
Percent Viscosity Loss(ASTM D6278) 30cycles,%wt	7.5
Percent Shear Stability Index(PSSI)ASTM D6278,%wt 25	25

Product Description

FUNCTIONAL V-460 is a viscosity index (VI) improver that may be used in preparing 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-460** 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-460** is white oil. Both ingredients are nonhazardous, and are listed as suitable for use in lubricants with incidental food contact (21 CFR 178.3570).

HANDLING:

Due to the viscosity of **FUNCTIONAL V-460**, elevated temperature (up to approximately 90°C (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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