

*Food Grade Superior High Shear Stable Viscosity Index Improver*Typical Properties

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|--|------------------------|
| 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 |
| Precent Viscosity Loss(ASTM D6278) 30cycles,%wt | 7.5 |
| Percent Shear Stability Index(PSSI)ASTM D6278,%wt 25 | 25 |
| Std Packaging (NW / GW, Kg) | 217.0 / 200.0 |

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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