

Supplier - FUNCTIONAL

**V-4004A***Grease Additives**Multifunctional Liquid Polymer for Greases*

### Typical Properties

Specific Gravity(ASTM D1298)	0.880
Density (TM-04),lbs/gal	7.30
Flash Point(ASTM D92), °C(°F)	130 (270)
Kinematic Viscosity@100°C(ASTM D445),cSt	500 - 800
Color(ASTM D1500)	< 4 (Yellow-Orange)

### Product Description

**FUNCTIONAL V-4004A** is a multifunctional polymer specifically designed for use in greases to improve water resistance and mechanical stability. Its liquid form allows quick incorporation into grease without long dissolving process. It can be added to grease in the final – finishing stage. **FUNCTIONAL V-4004A** also increases the tackiness of the grease and reduces the soap content (higher yields).

#### **COMPOSITION:**

**FUNCTIONAL V-4004A** is a hydrocarbon polymer diluted in light-colored naphthenic oil that does not require hazard labeling. It is chemically different from motor oil V.I. improver polymers in its monomer content.

#### **HANDLING:**

Due to the high viscosity of **FUNCTIONAL V-4004A**, elevated temperature about 150°F (65°C) can facilitate handling, but temperatures over 200°F (95°C) should be avoided. Safe handling precautions are the same as those to be taken with the base oil; see the current MSDS. The tackiness of the resulting lubricant can be lessened by shearing, so mechanical shearing during blending and handling should be minimized.

#### **Applications**

Typical Application

#### **Suggested Treat Rates, %wt**

1.0 - 5.0

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