**Supplier - FUNCTIONAL** 

V-378

Tackifier for High Temperature Lubricants
Tackifiers

## **Typical Properties**

Specific Gravity
Density,lbs/gal
Flash Point,°C(°F)
Kinematic Viscosity@100°C,cSt
Color(ASTM D1500)

0.830 6.9 210 (410) 4000 - 6000 Colorless (< 1.0)

## **Product Description**

**FUNCTIONAL V-378** is an additive that confers a tack or stringiness to a lubricant. It provides stringiness and water resistance to thermally stable lubricants and greases based on PAO and Group III base oils. Lubricants made with Group III or PAO oils and **FUNCTIONAL V-378** are more thermally stable and oxidatively stable than those made with the same base oils and conventional tackifiers. We recommend **FUNCTIONAL V-178** or **FUNCTIONAL V-188** in applications where oxidation stability is less important.

## **COMPOSITION:**

The active polymeric ingredient in **FUNCTIONAL V-378** is a polyisobutylene long-used in tackifiers. The diluent oil in **FUNCTIONAL V-378** is a thermally stable mineral oil that does not require hazard labeling.

## **HANDLING:**

Due to the viscosity of **FUNCTIONAL V-378**, elevated temperature (about 150°F (65°C)) can facilitate handling. 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.

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