Supplier - FUNCTIONAL

V-378

Tackifier for High Temperature Lubricants

Tackifiers

Typical Properties

Specific Gravity	0.830
Density,lbs/gal	6.9
Flash Point,℃(℉)	210 (410)
Kinematic Viscosity@100℃,cSt	4000 - 6000
Color(ASTM D1500)	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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