

Supplier - FUNCTIONAL

**V-176***Tackifiers**Tackifiers*

### Typical Properties

Specific Gravity	0.860
Density,lbs/gal	7.10
Flash Point,°C(°F)	175 (347)
Kinematic Viscosity@100°C,cSt	2500 - 3300
Color	Yellow-Orange (< 3ASTM)
Std Packaging (NW / GW, Kg)	184.8 / 167.8

### Product Description

**FUNCTIONAL V-176** is an additive that confers a tack or stringiness to a lubricant. It may be used to provide adherence in way oils and chain lubricants, stringiness in greases, and aerosol resistance in mist and pneumatic-system lubricants. Diluted versions of **FUNCTIONAL V-176** are available for lower viscosity and easier handling.

#### **Composition:**

The active polymeric ingredient in **FUNCTIONAL V-176** is a polyisobutylene long-used in tackifiers. The diluent oil in **FUNCTIONAL V-176** is light-colored paraffinic oil that does not require hazard labeling.

#### **Handling:**

Due to the viscosity of **FUNCTIONAL V-176**, elevated temperature (about 150°F (65°C) can facilitate handling, but temperatures over 200°F (95°C) should be avoided. Where higher temperatures are encountered, **FUNCTIONAL V-188** is recommended instead. 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**

Way Lube  
Chain Lubes  
Mist Oil

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

≥ 0.5  
0.5 - 1.5  
1.0

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