

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) |

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