

Supplier - FUNCTIONAL

**V-188**

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*Tackifier and Antimisting Additive*Typical Properties

Specific Gravity	0.860
Density,lbs/gal	7.10
Flash Point,°C(°F)	135 (275)
Kinematic Viscosity@100°C,cSt	3000 - 5000
Color	Yellow-Orange (< 4ASTM)
Std Packaging (NW / GW, Kg)	172.0 / 189.0

Product Description

**FUNCTIONAL V-188** 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. **FUNCTIONAL V-189** and **FUNCTIONAL V-190** are diluted versions of **FUNCTIONAL V-188** for lower viscosity and easier handling.

**COMPOSITION:**

The active additive in **FUNCTIONAL V-188** is a thermally stable, shear stable polyolefin. The diluent oil in **FUNCTIONAL V-188** is light colored paraffinic oil that does not require hazard labeling.

**HANDLING:**

Due to the viscosity of **FUNCTIONAL V-188**, elevated temperature (about 200°F (95°C) or higher if necessary) can facilitate handling and storage since, unlike many competitive tackifiers, **FUNCTIONAL V-188** is thermally stable. Safe handling precautions are the same as those to be taken with the base oil; see the current MSDS.

Although **FUNCTIONAL V-188** is more shear stable than some other tackifiers, the tackiness of the resulting lubricant can be lessened by shearing, so mechanical shearing during blending and handling should be minimized.

**Applications****Suggested Treat Rates, %wt**

Way Lube	≤ 0.5
Chain Lubes (Moderate Tempertures)	0.5
Chain Lubes (High Tempertures)	1.5
Mist Oil	1.0
Suppression of Metalworking Mists	0.05 - 0.5

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