

Supplier - FUNCTIONAL

V-188*Tackifier and Antimisting Additive**Tackifiers*

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)

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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