

Supplier - FUNCTIONAL

V-188*Tackifiers**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)	189.0 / 172.0

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

Print date: 02-05-24

Disclaimer: Information provided by this website and product page including specifications, applications and formulations are based on tests and data supplied by Smart Oil companies, manufacturers or any of our collaborated companies or suppliers, which are believed to be correct and reliable at the time of writing and data update. However, Smart Oil companies, manufacturers or any of our collaborated companies or suppliers make no warranty or responsibility, express or implied, of any kind regarding products, performance, formulations or applications, as operation conditions and application environments are beyond our control, or products will be modified by action of manufacturers or due to change in market environments. Users are herewith expressly requested to conduct test to determine the suitability of our products or product information before use. Furthermore, we regret that we cannot be responsible for informing customers any changes in specifications, formulations, or other technical contents on this website and product page. Also, We hereby state that all product trademarks other than Smart Oil, including trademarks from our , suppliers are the trademarks belong to the respective companies, or from their sources.