

Supplier - FUNCTIONAL

**V-570***Tackifier for Fatty Oil-Based Lubricants**Tackifiers*

### Typical Properties

Specific Gravity	0.930
Density,lbs/gal	7.75
Flash Point,°C(°F)	150(300)
Kinematic Viscosity@100°C,cSt	7000 - 9000
Color	Yellow-Orange (< 4ASTM)
Biodegradability	Approx. 90% readily biodegradable

### Product Description

**FUNCTIONAL V-570** is an additive that confers a tack or stringiness to lubricants made from vegetable based or animal-based fatty oils. It is principally used to provide adherence in saw-chain and saw-guide oils in environmentally sensitive locations, or to prevent product contamination by petroleum products. It may also be used to inhibit stray mists, or to provide drip resistance in other products. **FUNCTIONAL V-570** may also be used to provide thickening and tack in oils that contain high levels of fatty additives, such as in cutting oils. For tackifying vegetable-oil based single use lubricants **FUNCTIONAL V-584** may be used at lower treatment level.

#### COMPOSITION:

The active ingredient in **FUNCTIONAL V-570** is a polymer that provides tackiness and thickening. This polymer is itself not readily biodegradable, but permits the formulation of tacky lubricants from biodegradable base oil systems. The diluent oil in **FUNCTIONAL V-570** is a biodegradable vegetable oil.

#### HANDLING:

While warming **FUNCTIONAL V-570** to about 65°C (150°F) may facilitate pumping and handling, extended storage of this or any other vegetable oil- derived product at elevated temperatures is not recommended. Safe handling precautions are the same as those to be taken with vegetable oils; see the current Material Safety Data Sheet. The tackiness of products made from any tackifier may be somewhat lessened by shear, so mechanical shearing during blending and handling should be minimized.

#### **Applications**

Chain Lube

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

3 - 7

Print date: 15-06-26

**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.