Supplier - FUNCTIONAL

V-570

Tackifier for Fatty Oil-Based Lubricants

Tackifiers

Typical Properties

Specific Gravity	0.930
Density,lbs/gal	7.75
Flash Point,℃(℉)	150(300)
Kinematic Viscosity@100℃,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	**Suggested Treat Rates, %wt**
Chain Lube	3 - 7

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