

FUNCTIONAL V-183 TACKIFIER

APPLICATION:

FUNCTIONAL V-183 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-183** combines the stability of **FUNCTIONAL V-188** with the stringiness of **V-178**.

COMPOSITION:

The active polymeric ingredient blend in **FUNCTIONAL V-183** provides properties unattainable with a single polymer. The diluent oil is a light-colored naphthenic oil that does not require hazard labeling.

Typical properties	
Specific Gravity	0.89
Lbs per Gallon	7.30
Flash Point	135°C (275°F)
Kinematic Viscosity	9,000-12,000 cSt at 100°C
Color	yellow-orange (<4 ASTM)

TREATMENT LEVEL:

The typical treatment level for a way lube is 0.4%. For chain lubes the treatment range is 0.3% to 0.8%, depending on the viscosity. Minimization of hydrocarbon aerosol escape from mist-lubricated and pneumatic equipment requires 0.4% - 1.0% in the mist oil. Since there are no standardized test methods for these properties, the required treatment level is best determined by experimentation by the user.

HANDLING:

Due to the viscosity of **FUNCTIONAL V-183**, elevated temperature can facilitate handling and storage; warming to 150°F (65°C) is sufficient. Safe handling precautions are the same as those to be taken with the base oil; see the current Material Safety Data Sheet. Although **FUNCTIONAL V-183** is more shear-stable than some other tackifiers, the tackiness of the resulting product may be somewhat lessened by shear, so mechanical shearing during blending and handling should be minimized.

This Technical Data Sheet and the Material Safety Data Sheet contain information believed to be accurate and reliable. No warranty is made, however, to information beyond the control of FUNCTIONAL PRODUCTS INC. The engineering and management personnel of the user are responsible for determining the suitability of this or any product for any specific application, and this information is offered to them for that purpose.

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