

FUNCTIONAL V-475

TACKIFIER FOR FOOD GRADE LUBRICANTS AND GREASES

APPLICATION:

FUNCTIONAL V-475 is an additive that confers a tack or stringiness to a lubricant. **FUNCTIONAL V-475** is useful in spindle lubricants for textile machinery due to its light color. **FUNCTIONAL V-475** may also be used to provide adherence in way oils, chain lubricants, stringiness in greases and aerosol resistance in mist or pneumatic-system lubricants. **FUNCTIONAL V-475** is NSF registered as a lubricant for use in food-processing plants where incidental food contact may occur.

COMPOSITION:

The active ingredient in **FUNCTIONAL V-475** is an ultra high molecular weight polyisobutylene. The diluent in **FUNCTIONAL V-475** is white oil.

Typical properties	
Specific Gravity	0.86
Lbs per Gallon	7.10 - 7.25
Flash Point	135°C (275°F)
Kinematic Viscosity	1450 - 1850 cSt @ 100°C
Color	Colorless, Clear

TREATMENT LEVEL:

Treatment levels may vary: spindle oil - 0.1% to 0.5%, way lubes - 0.25% and chain lubes - 0.25% to 1.0%. To minimize hydrocarbon aerosol escape from mist-lubricated and pneumatic equipment requires approximately 0.5%. The treatment level for greases is best determined by the formulator.

HANDLING:

Due to the viscosity of **FUNCTIONAL V-475**, elevated temperature (about 150°F or 65°C) can facilitate handling, but temperatures over 200°F (95°C) should be avoided. Safe handling precautions are the same as those to be taken with the base oil; see the current Safety Data Sheet. When using **FUNCTIONAL V-475** avoid mechanical shear during blending and handling. **FUNCTIONAL V-422** is recommended for moderate shear applications.



Nonfood Compounds
Program Listed
Category Codes: HX-1and HX-2
Registration No. 157875

This Technical Data Sheet and the 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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