

Supplier - FUNCTIONAL

**V-422**

*Tackifier for Food Grade Lubricants  
Tackifiers*

**Typical Properties**

Specific Gravity	0.840
Density,lbs/gal	7.00
Flash Point,°C(°F)	150 (300)
Kinematic Viscosity@100°C,cSt	2300 - 3800
Appearance	Clear and Colorless Liquid

**Product Description**

**FUNCTIONAL V-422** is an additive that confers a tack or stringiness to a lubricant. It is used to provide adherence in fluid lubricants and stringiness in greases. **FUNCTIONAL V-422** is approved as a component in FDA/USDA Classification H-1 (21 CFR 178.3570) for lubricants with incidental food contact. For nonfood-grade applications, we recommend **FUNCTIONAL V-178** or, where superior thermal and shear stability are needed, **FUNCTIONAL V-188**.

**COMPOSITION:**

The active polymeric ingredient in **FUNCTIONAL V-422** is an FDA-approved polyisobutylene. The diluent oil is an FDA-approved white mineral oil.

**HANDLING:**

Due to the viscosity of **FUNCTIONAL V-422**, elevated temperature (approximately 150°F) can facilitate handling. Temperatures over about 200°F may lead to degradation of tackiness and viscosity. In greases, we recommend adding **FUNCTIONAL V-422** last, to minimize shear degradation during milling. Safe handling precautions are the same as those to be taken with the base oil; see the current Material Safety Data Sheet.

**Applications**

Fluid Lubricants  
Grease

**Suggested Treat Rates, %wt**

0.5 - 1.5  
0.5 - 2.5

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.*