

### FUNCTIONAL V-388

#### TACKIFIER for HIGH TEMPERATURE LUBRICANTS

##### APPLICATION:

**FUNCTIONAL V-388** is an additive that confers tack and provides stringiness and water resistance to thermally stable lubricants and greases made with Group III or Group IV base stocks. Lubricants and greases made with Group III or Group IV base stocks and **FUNCTIONAL V-388** have improved thermal and oxidative stability when compared to those made with the same base oils and conventional tackifiers. **FUNCTIONAL V-178** or **FUNCTIONAL V-188** is recommended in applications where thermal stability is not a primary concern.

##### COMPOSITION:

The active component in **FUNCTIONAL V-388** is a thermally stable, shear-stable polyolefin. The diluent oil in **FUNCTIONAL V-388** is a thermally stable Group III mineral oil.

Typical properties	
Specific Gravity	0.83
Lbs per Gallon	6.9
Flash Point	210°C (410°F)
Kinematic Viscosity	4,000 cSt at 100°C
Color (ASTM D1500)	<1.0

##### TREATMENT LEVEL:

Since there are no standardized test methods for these properties, the required treatment level is best determined by experimentation by the end user.

##### HANDLING:

Due to the viscosity of **FUNCTIONAL V-388**, an elevated temperature of 200°F (95°C) can facilitate handling. Safe handling precautions are the same as those to be taken with the base oil; see the current Safety Data Sheet.

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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Functional Products, Inc. 8282 Bavaria Rd. Macedonia, Ohio 44056

Ph: 330.963.3060 Fax: 330.963.3322