

FUNCTIONAL V-388 TACKIFIER for HIGH TEMPERATURE LUBRICANTS

APPLICATION:

FUNCTIONAL V-388 is an additive that confers a tack or stringiness to a lubricant. It provides stinginess and water resistance to thermally stable lubricants and greases based on PAO and Group III base. Lubricants and greases made with Group III or PAO oils and **FUNCTIONAL V-388** are more thermally stable and oxidatively stable than those made with the same base oils and conventional tackifiers. We recommend **FUNCTIONAL V-178** or **FUNCTIONAL V-188** in applications where oxidation stability is less important.

COMPOSITION:

The active additive in **FUNCTIONAL V-388** is a thermally stable, shear-stable polyolefin. The diluent oil in **FUNCTIONAL V-388** is a thermally stable mineral oil that does not require hazard labeling.

| Typical properties | |
|----------------------------|----------------------------|
| Specific Gravity | 0.83 |
| Lbs per Gallon | 6.9 |
| Flash Point | 210°C (410°F) |
| Kinematic Viscosity | 3,000 – 5,000 cSt at 100°C |
| Color | colorless (<3 ASTM) |

TREATMENT LEVEL:

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-388**, elevated temperature (about 200°F (95°C) or higher if necessary) can facilitate handling. Safe handling precautions are the same as those to be taken with the base oil; see the current MSDS.

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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8282 Bavaria Road, Macedonia, Ohio 44056

Phone: (330) 963-3060

Fax: (330) 963-3322

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