

Typical Properties

Specific Gravity	0.860
Density,lbs/gal	7.10
Flash Point,°C(°F)	175 (347)
Kinematic Viscosity@100°C,cSt	2500 - 3300
Color	Yellow-Orange (< 3ASTM)
Std Packaging (NW / GW, Kg)	184.8 / 167.8

Product Description

FUNCTIONAL V-176 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. Diluted versions of **FUNCTIONAL V-176** are available for lower viscosity and easier handling.

Composition:

The active polymeric ingredient in **FUNCTIONAL V-176** is a polyisobutylene long-used in tackifiers. The diluent oil in **FUNCTIONAL V-176** is light-colored paraffinic oil that does not require hazard labeling.

Handling:

Due to the viscosity of **FUNCTIONAL V-176**, elevated temperature (about 150°F (65°C) can facilitate handling, but temperatures over 200°F (95°C) should be avoided. Where higher temperatures are encountered, **FUNCTIONAL V-188** is recommended instead. Safe handling precautions are the same as those to be taken with the base oil; see the current MSDS. The tackiness of the resulting lubricant can be lessened by shearing, so mechanical shearing during blending and handling should be minimized.

Applications

Way Lube
Chain Lubes
Mist Oil

Suggested Treat Rates, %wt

≥ 0.5
0.5 - 1.5
1.0

Print date: 04-02-25

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.