

Supplier - FUNCTIONAL

**V-508S**

0

*Thickener for Fatty Oil Based Lubricants***Typical Properties**

Appearance	Clear to White Pellets
Mooney Viscosity UML(1+4)100°C	27 ± 4
Volatile Matter(6h@105°C),%wt	< 0.6
Total Ash,%wt	< 0.8
Specific Gravity	1.000
Std Packaging (NW / GW, Kg)	200.0 / 217.0

**Product Description**

**FUNCTIONAL V-508S** is a pelletized polymer, specifically designed for use in vegetable oils and synthetic esters. It is a viscosity improver/thickener for use in lubricants and greases. Unlike predissolved polymers, the absence of diluent oil permits complete formulating flexibility. Greases made with **FUNCTIONAL V-508S** have better mechanical stability than those using polymers designed specifically for gear oils and motor oils. **FUNCTIONAL V-508S** may also be used in industrial and aftermarket applications.

**COMPOSITION:**

**FUNCTIONAL V-508S** is a proprietary copolymer offered in pellet form.

**HANDLING:**

**FUNCTIONAL V-508S** is packaged in polyethylene bags – 55lbs per bag. It is resistant to caking and no particular precautions are needed in storage. Long-term storage at warm temperature may, however, necessitate regrinding. **FUNCTIONAL V-508S** is non-hazardous material; see the current MSDS. Dissolving is best accomplished with continuous agitation at temperatures of at least 200°F to 240°F (95°C - 115°C) for 4-8 hours.

**Applications**

Grease  
Typical Vegetable Oil (ISO 68)  
Typical Vegetable Oil (ISO 220)

**Suggested Treat Rates, %**

0.5 - 2.0  
1.5  
3.3

Print date: 15-07-25

**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.