

Typical Properties

|                               |                                 |
|-------------------------------|---------------------------------|
| Appearance                    | Light-colored Liquid            |
| Odor                          | Mild Fatty                      |
| Specific Gravity              | 0.930                           |
| Density,lbs/gal               | 7.75                            |
| Flash Point, °C(°F)           | ≥ 160 (320)                     |
| Kinematic Viscosity@100°C,cSt | 70 - 110                        |
| Biodegradability              | Approx.70%readily biodegradable |
| Std Packaging (NW / GW, Kg)   | 200.0 / 217.0                   |

Product Description

**FUNCTIONAL PD-555** is a wax-crystal modifier. Its primary use is in improving the cold-flow properties of vegetable-oil-based lubricants at temperatures below their cloud points. It is effective under both rapid-cooling conditions and extended cold storage conditions.

**FUNCTIONAL PD-555** is effective in hydraulic fluids, chain saw oils, pneumatic-tool lubricants and other lubricants made from canola oil, sunflower oil or other tri-glycerides.

**Composition:**

The active additive in **FUNCTIONAL PD-555** is a proprietary copolymer, diluted in vegetable oil. Due to the large percentage of biodegradable diluents, **FUNCTIONAL PD-555** is classified as readily biodegradable.

**Handling:**

Due to the viscosity of **FUNCTIONAL PD-555** it should be stored indoors in the winter months. Any convenient technique may be used for blending. Safe handling precautions are the same as those to be taken with vegetable oils; see the current Material Safety Data Sheet.

**Applications**

Reduce Pour Point  
Reduce Pour Point

**Suggested Treat Rates, %wt**

1.0  
1.0

Print date: 12-07-25

**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.