

Supplier - FUNCTIONAL

**PD-555***Cold-flow Improver for Vegetable-oil-based Lubricants**Cold Flow Improvers*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

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

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