

SYN-FLOW

MULTI-PURPOSE GEL LUBRICANT SPRAY - PRODUCT FORMULARY

Syn-Flow Multi-purpose Gel Lubricant Spray features Synergel® SA V50, a gelled solvent based on a proprietary system for thickening and gelling hydrocarbons. This innovative technology creates a higher viscosity fluid that is easily applied to the intended area with great adhesion and reduced dripping. The formulation utilizes SACI® 4575, a corrosion inhibitor and rust preventative additive.

The lubricant spray can be used to reduce friction and minimize wear on products such as wheels, hinges, and gears. It may also provide protection against various elements due to the film barrier created by the proprietary gellant system.

Procedure:

1. Combine all ingredients, heat to 60-65 °C and mix until homogenous.

Formulation:

Ingredient	Trade Name	Supplier	W/W%
Hydrocarbon Solvent	Conosol® C-145	Penreco	61.50
Gelled Hydrocarbon Solvent	Synergel® SA V50	Penreco	20.00
Mineral Oil	Drakeol® 34	Penreco	10.00
Petrolatum	Amber Petrolatum	Penreco	5.00
Rust Preventative	SACI® 4575	Daubert	3.00
Sorbitan Monolaurate	Alkest® SP20	Oxiteno	0.50

Properties:

Viscosity – 84.0 cP @ 20 rpm with #1 spindle at 25 °C

Flash Point – 65.2 °C

*Product listed in **bold** is supplied by Calumet, Inc..

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Alkest® is a registered trademark of Oxiteno S.A. Indústria e comércio

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