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# Product Data Sheet



NOTE: The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties in this publication are current as of July 21, 2010.

## LUBRICANT ADDITIVE

# Wind Turbine Cleaner

## Varnish and Sludge Cleaner

Wind turbine gearbox lubricants perform in difficult environments. Shock loading, extended oil drain service intervals, temperature and humidity extremes can rapidly break down the best formulated lubricants, producing varnish and sludge as natural decomposition by-products. Summit's **Wind Turbine Cleaner** is the most effective lubricating system conditioner available to clean and remove these performance robbing deposits.

### Clean-Out Procedure:

Simply replace 10% of the existing oil charge with an equal amount of Summit **Wind Turbine Cleaner**, and then operate normally for a minimum of 48 hours. As the warm oil is drained from the gearbox reservoir, the varnish, sludge, and carbonaceous gunk in suspension will be removed. If installed, check oil filters and change after the cleaning procedure. A thorough periodic cleaning of the gearbox lubricating system before a scheduled oil change ensures peak lubricant performance and restores the system to like-new condition.

Summit's **Wind Turbine Cleaner** is compatible with all commonly used lubricants, mineral or synthetic; and, all common elastomers, paints and plastics. Please consult your Summit representative for more information.

### PHYSICAL PROPERTIES

Viscosity, 40°C, cSt	78
Specific Gravity, 60°F	0.985
Density, 60°F	8.20 lbs/gal
Flash Point	193°C / 380°F