

# **THE Gilson** **SNOW BLOWER** SHOP

## Service Bulletin

Date: 10/1/2011

Service Bulletin # GSBS-01

To: All owners of effected models

Subject: Grease deterioration over time.

Machine Style: All models except Late Model Friction Drive & Snow Cannons

All effected models include grease packed worm drives, reversing transmissions, 90 degree bevel gear drives or semi closed final gear reductions. These gear trains were factory packed with grease. The bearing greases commonly used are a combination of lubricating oil in a carrier blend such as paraffin, soap or clay.

All Gilson units have reached an age where the factory grease has lost oil content through case seal weeping or other means. This causes the grease to become more of a soap cake that fails to provide lubrication to the gears and bearing surfaces. For this reason owners should be finding an opportunity to perform a teardown, clean and repack of gear boxes and gear trains for continued reliable service. In some cases this may prevent the failure of irreparable components. Consult model specific documentation for procedures when available.



This photo shows the grease found in a Foote 35 from an Early Gear Drive model. The once smooth flowing grease has become clumps and gobs of stiff material that has been driven from the gears into case voids.

The Bentonite grease found in the 3 & 5 speed Peerless transmissions used on Gear Drive models is also prone to absorbing water. Transmissions may have water contamination.