

Lubricants- Blowers & Motors

Vacuum-Blowers..

Down the throat of the **blower**.. WD40 is an OK penetrant, and an OK moisture-barrier, But Diesel fuel is just as good a barrier, maybe even better, as it might not evaporate as fast. ..and it's much cheaper. Use a trigger-sprayer, and with engine at an idle,

..spray for 5 to 10 seconds ..then quickly shut it down.

*** If the system is stored for more than 4 days between uses, you may want to go to a better protective coating.. Like WW Grainger's #4JB29 is a CRC product #3-36 spray-coating, ..rated to 250 degrees, and cheap.. \$9.00 per 16 oz. can.

Before the blowers are mounted onto our systems, we treat them with "Dry Moly".. WWGrainger #2F138 at \$8.95 per can. This puts down a Very Long-lasting coating, which is "chemically attracted" into the pores of the bare metal.. it is Good stuff ! ..in fact, it is the VERY best lubricant you can use, as a metal coating, especially for blowers, and roller-chains.

If you EVER have to **use Liquid-Wrench penetrant to free a rusted blower**..

RE-SPRAY the innards with Dry Moly !

At the **pulley-end of the blower**..

Squirt trailer-axle ("EP") grease in the zerk-fittings (both) once each month. wipeAway excess !

As for the **oil-bath in the Blower**..

In 20 to 80 degree F. weather..

Use "Universal Tractor-Transmission Oil.. API #GL4 or ISO100,
... or WWG #6Y782 DTE Extra-Heavy lube.. 1 gallon \$ 27.95
... or WWG #1MUC7 XP-150 gear-oil .. 1 gallon \$ 27.95
... or WWG #1MDJ8 Industrial pump oil.. 1 pint \$13.95

even better.. is the Synthetic version..

..like SAE 85w90 Synthetic "Hydraulic oil" from Wal-Mart

..or AmsOil.. Synthetic Compressor oil ISO-100 at \$17.95 per Qt.

At "desert temperatures" ..**over 80 degr.F**

Use ISO-150 hydraulic oil.. like WW Grainger # 2EPU7 quarts at \$14/qt. or better yet, a synthetic version..

... Synthetic Compressor oil ISO-150 ..by AmsOil at \$17.95 per Qt.

... or SAE 85w140 **Synthetic** "Hydraulic oil" from Wal-Mart.

Water Pumps..

Use same as in the example above, for all temperatures
Synthetic is HIGHLY recommended at higher temps.

Small Engines ..single & V-twin.. in 30-70 degree weather..

require 30wt HD motor oil ..or better yet. **synthetic** 10-40wt rated 10 to 90 degr.F in Summer.. use Synthetic 15-40w at **100degr.+** ..like AmsOil !