

SERVICE INFORMATION

AC Studer Capstan Motors

Although the capstan motors are theoretically lubricated for life, experience has shown that periodical lubrication of the motor is required when the motors are operated in less than ideal conditions, or the capstan shaft has been improperly cleaned.

The capstan shaft must not be cleaned with a solvent soaked cotton swab. The pressure necessary to clean the shaft will cause excess solvent to be squeezed out of the cotton and run down the shaft. This can wash the oil out of the top bearing and cause rapid wear of the motor.

CLEANING PROCEDURE:

Moisten a clean cloth with a small amount of pure alcohol. With this damp cloth, carefully clean the capstan shaft. This method will prevent excess solvent from damaging the sintered bearing.

LUBRICATION:

The life of the capstan can be extended by regular lubrication of the top bearing. Approximately once per month (or as needed) apply a few drops of oil (GLY2100) to the felt at the top of the capstan shaft (between the gray cap and the shaft) and allow the motor to continue running until the oil is absorbed.

If the capstan should begin to make noise (especially when the pressure roller is engaged) the motor must be stopped and lubricated immediately to prevent irreparable damage.

LUBRICANT:

GLY2100 oil, formulated for high speed sintered bearings, is available from Studer in a 2 oz. "oiler bottle", order number: 20.020.401.10, price: \$10.00 each, plus shipping.

NOTE:

It is not necessary to remove or disassemble the capstan to add lubricant. Remove the headblock from the machine and oil the motor at the point indicated on the attached diagram.

