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Lubrication of Ball Screws

The following information pertains to the ball screws and nuts on all Die Handlers manufactured by BPR / RICO. As with ball bearings, ball screws also need to be lubricated. BPR / RICO recommends lubrication of the ball nuts and screws every 30 days. This will help prevent atmospheric corrosion and pitting of screw surface. The initial "Run-In" lubrication has been done at our facility, and is good for the first 30 days of use. Every 30 days there after, both the screws and the nuts, must be re-lubricated using the spray lubricant **{Part # 99855694}**.

BPR / RICO does not recommend the use of any other lubricating product for use on our Die Handlers. In order to distribute the lubrication evenly throughout the ball screw and ball nuts moving elements, we recommend that the ball nut be ran three to five times over its complete operating stroke.

When re-lubricated with proper frequency, the ball screws and nuts should achieve their maximum rated fatigue life. Lubrication and bearing life will also be affected by high operating temperatures and over loading. Re-lubrication intervals can best be determined by experience.