

## Screw & Barrel Maintenance

How important is a good screw and barrel to your molding process? Are you aware that even a small amount of wear from original equipment specifications can cause processing problems?

Do you have problems with: screw rotating backward on injection, dark or burn specks in parts, inability to hold cushion, excessive recovery time? If you have any of the above symptoms you probably have excessive wear between the screw and barrel. This wear can cause any number of other problems also.

Excessive wear of these components will can cause an increase in cycle times and higher reject rates. Consider for a moment a machine running on a 15 second cycle, 24 hours a day, 5 days per week. Just one second additional in recovery rate could mean a loss of approximately 8 hours production time per week. If your reject rate due to wear were and additional 1% you could be losing as much 10 to 11 hours production per week. With a machine hour rate of \$50.00 that is a loss of about \$25,000 per year. Can you afford to operate with a worn screw and barrel?

ADAMS Engineers and Equipment has the expertise and equipment to accurately measure your screw and barrel in your plant. By taking advantage of this service you can determine the extent the wear is contributing to processing problems. We can also help in determining the appropriate screw geometry for the materials being processed. All this translates to higher profits for your company.

An investment of \$500 could bring a return of \$24,500 per year.

Please contact your local ADAMS Engineers and Equipment salesman for further details on how we may be of assistance.