

Variation Improvements from Having Clean Hydraulic Oil in Injection Molder

Process Monitored	Starting Time at 0 hours	800 hours of Clean Oil
Cycle time Variance	2 seconds	0.70 seconds
Fill Time Variance	1.73 seconds	0.62 seconds
Recovery Time Variance	1.63 seconds	0.78 seconds
Cushion Position Variance	0.33 inch	0.04 inch
Transfer Position Variance	0.37 inch	0.02 inch
Transfer Pressure Variance	690 psig	94 psig

Having continuous clean oil with oil dialysis operation will improve productivity for injection molder by improving process cycle time. This will help injection molder produces more parts in less time.

Source: Hydraulic & Pneumatic Magazine