

# Routine Maintenance

## Maintain:

### Wrenches:

- Grease wrench nut threads
- Check dies for wear, replace if slipping

### Spinner:

- Check chain for wear
- Hit OILER button for 3-5 seconds every third or fourth spin

## Grease:

- Zerk fittings in and around:
  - Spinner
  - Wrench head
- Main rotation bearing assembly (PN 51220)

## Check:

- Hydraulic oil level in power unit (PN 51640)
- Air filter indicator, replace filter if indicator is red
- Hydraulic oil filter indicator, replace filter if indicator is red

Equipment must be maintained on a routine basis.

*\*Failure to conduct routine maintenance could result in equipment damage or injury to personnel.*

## Proper Use of Equipment

Hawk equipment is designed for specific functions and applications, and should be used only for its intended purpose.

# MAINTENANCE SCHEDULES

<b>HAWK INDUSTRIES, INC.</b>	
T-WREX® RECOMMENDED MAINTENANCE CHECKLIST	
T-WREX S/N:	Rig Name:
	Pipe Size:

Maintenance Check Date: \_\_\_\_\_

A TICK SHOWN IN THE CLEAR CELLS, WILL INDICATE THE ITEM WAS FOUND TO BE ACCEPTABLE

PLACE A TICK IN THE APPROPRIATE BOX ON THE RIGHT	Daily	Wkly	1 Mo	6 Mo	1 Yr	2 Yrs	Shop
Overall Visual Inspection							
CHECK THAT EMERGENCY STOP BUTTONS ARE OPERATIONAL							
Check all cables for broken strands							
Check that die holders are greased and swiveling							
Check level of Middle Wrench for bearing wear							
Check for wear and grease dies							
Check for Hydraulic plumbing leaks							
Check spinner chain and grease (spray)							
Check Low Torque warning system							
Check Torque readings							
Activate & grease all wrench adjustment nuts							
Check & grease pivot pins behind adjustment nuts							
Check Hydraulic filter (Red button:IN)							
Check angle brackets							
Check all Grip Cyl mount bolts							
Check all linkage mount pins/bolts							
Check hoses on spinner assy							
Check die rollers & holders for position + hardware							
Apply grease to all grease fittings & check if in place							
Check quick release pins on die holders							
Check wear grooves on spinner rollers							
PERFORM FUNCTION TEST							
Check spinner reducer bearing							
Check level of spinner							
Check spinner gearbox oil level							
Drain water separator in air system							
Check tightness of all bolts & castle nuts							
Check all castle nuts for cotter pins							
Clean air filter dryers							
Check grip pressure (1000psi)							
Rotate Hooks							
Check welds on all Jaw Plates							
Change Spinner Reducer Oil (10W)							
Magnetic Particle Inspect All Hook Threads (retest 12 mos) EXP DATE:							
Remove & clean all end caps on BOSCH valves							
Torque Gauge Calibration:Next Calib. Date: _____ S/N: _____							

Maintenance Inspection by: _____	Workshop Supervisor's approval: _____
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