

# 500 HR LUBRICATION PM KONE CRANE- **SAV 18-41**

CRANE # \_\_\_\_\_ DATE: \_\_\_\_\_ CRANE HRS \_\_\_\_\_  
INSPECTOR(S) : \_\_\_\_\_

**INITIAL WHEN STEP COMPLETED. [ ]**

## 01. DRUM ROOM, BOOM & HOIST

- [ ] DRUM BEARINGS, 2 POINTS, Hoist and boom: GREASE, EP2
- [ ] DRUM COUPLING, 2 POINTS, Hoist and boom: COUPLING GREASE
- [ ] OVERSPEED SWITCH, 2 POINTS, Hoist and boom, OPEN GEAR LUBE
- [ ] GEAR REDUCERS: CHECK OIL LEVEL, ADD IF NEEDED, QTY 3 (EP220)
- [ ] GEARBOX TO MOTOR COUPLING, 6 POINTS, LUBE WITH COUPLING GREASE ONLY
- [ ] GEARBOX TO DRUM COUPLING, 2 POINTS, EP2
- [ ] BRAKE PIVOTS: LUBE WITH SILICON
- [ ] EMERGENCY BRAKE RESERVOIRS, CHECK OIL LEVEL, Hoist and boom

## 02. BACKREACH/MAIN GIRDER

- [ ] SHEAVE BEARINGS, EP2 GREASE; HOIST, QTY 8 CATENARY QTY 6
- [ ] SNAG ARM PIVOTS, EP2 GREASE; QTY 3

## 03. UPPER STRUCTURE, STAYS & BOOM AT APEX (UPPER PART OF PYLON)

- [ ] BOOM ROPE SHEAVE BEARINGS, EP2 GREASE; QTY 10
- [ ] STAY & TIE LINK PIVOT POINTS, EP2 GREASE: QTY 4 AT APEX, QTY 16 AT STAY LINKS AND BOOM.

## 04. BOOM

- [ ] BOOM SHEAVE BEARINGS, BOOM END, EP2 GREASE; QTY 6
- [ ] LIFTING BEAM PIVOT PIN, EP2 GREASE, QTY 2
- [ ] BOOM STAY TO BOOM PIVOT POINTS, EP2 GREASE, QTY 4
- [ ] BOOM TIP CATENARY ROPE SHEAVES, EP2 GREASE, QTY 4
- [ ] BOOM TIP HOIST ROPE SHEAVES, EP2 GREASE, QTY 4
- [ ] TLS GUIDE BAR, EP2 GREASE, 8 PLACES
- [ ] TLS BALL SCREW JACK, BALL SCREW GREASE, QTY 4
- [ ] TLS BALL BEARING, BALL SCREW GREASE, QTY 4
- [ ] TLS GEARBOX, CHECK OIL LEVEL, TOP OFF IF NEEDED, EP460, QTY 4

## 05. TROLLEY

- [ ] SHEAVE BEARINGS, HOIST, EP2 GREASE; QTY 8, CATENARY, QTY 4
- [ ] TROLLEY THRUST ROLLERS, EP2 GREASE; QTY 4
- [ ] TROLLEY WHEEL BEARINGS, EP2 GREASE; QTY 8
- [ ] GEAR REDUCERS, QTY 4, CHECK OIL LEVEL, ADD IF NEEDED, EP220.
- [ ] SPREADER CABLE REEL GEAR REDUCER, CHECK OIL LEVEL, ADD IF NEEDED, EP220.
- [ ] TROLLEY EMERGENCY DRIVE BEARINGS, EP2 GREASE, QTY 2
- [ ] TROLLEY EMERGENCY DRIVE CHAIN, SPRAY LUBE, QTY 2

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## 06. FRONT CATENARY TROLLEY

- [ ] SHEAVE BEARINGS, HOIST, EP2 GREASE; QTY 4, CATENARY, QTY 2
- [ ] THRUST ROLLERS, EP2 GREASE; QTY 4
- [ ] WHEEL BEARINGS, EP2 GREASE; QTY 4

## 07. REAR CATENARY TROLLEY

- [ ] SHEAVE BEARINGS, HOIST, EP2 GREASE; QTY 4, CATENARY, QTY 2
- [ ] THRUST ROLLERS, EP2 GREASE; QTY 4
- [ ] WHEEL BEARINGS, EP2 GREASE; QTY 4

## 08. GANTRY

- [ ] ALL WHEEL & GEAR BEARINGS, GREASE, EP2: Drive Wheel 48 points, Idle Wheel 16 points, Intermediate gear 24 POINTS, SECONDARY SHAFT 24
- [ ] ALL BOGIE JOINTS, GREASE, EP2, 28 POINTS:
- [ ] QTY 12 OPEN GEAR TRANSMISSIONS, OPEN GEAR LUBE:
- [ ] GEAR REDUCER INPUT SHAFT, GREASE, EP2, 12 POINTS:
- [ ] QTY 12 GEARBOX(GEAR REDUCERS):CHECK OIL LEVEL, ADD IF NEEDED (EP220)

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