

GENERAL SUGGESTIONS:

1. The most important period in a crane's lifetime is the initial service period. Therefore, it is important that a qualified serviceman start the machine. Also, it is important that maintenance personnel receive proper instruction.
2. Keep machine clean. Dirt covers troubles in the making. Quick inspection is possible in a clean machine.
3. Lubricate regularly in accordance with instructions. Keep fuel oil and lubricants clean. Use clean water in radiator.
4. Do not start engine at beginning of shift without first checking crankcase oil level, water in radiator, and hydraulic fluid reservoir.
5. Do not start your shift of crane operation before lubricating necessary parts and inspecting gears to determine if they need lubrication. Also, check wire rope. Check wear of lining on all clutches.
6. Do not start engine with engine clutch engaged in cold weather.
7. Do not engage clutch until you are sure that everything is in the clear and in neutral.
8. Do not leave engine clutch engaged when leaving machine or when engine is being shut-off.
9. Do not leave crane unless boom hoist dog is engaged.
10. Do not exceed the rated capacity of the machine.
11. Do not raise heavy loads without first checking the brakes, wire rope and rigging. Also engage side blocking cams.
12. Keep clear of high voltage lines. See page 106 for detailed instructions.
13. Do not travel with swing brake released.
14. Do not drag load sideways by swinging.
15. Do not travel with load swinging back and forth as it may cause crane to tip. Use tagline to keep swing out of load.
16. Do not leave crane with bucket or load suspended in air.
17. Do not raise bucket or load after machine has been standing during rainy weather without first riding the brakes to evaporate moisture that may have accumulated on the linings.
18. Do not ride foot brakes with clutches engaged.
19. Do not continue traveling after going through water without first checking and if necessary, renewing oil in travel gear cases.
20. Do not back up with boom high without first making sure that roadbed is free of obstructions.
21. Do not travel over rough or uneven roadbed with a high boom.
22. After hydraulic components have been replaced, see hydraulic start-up procedure. (Diesel Hydraulic Locomotives only).