

SP2873 Updated Work Items: Revised September 8

When an item is completed, line it out and write date of completion

It is suggested that items 1-3 be completed in order

Items in red must be completed, and represent significant hazards to safety and/or engine operation

- 1) Replace hoses between oil separator and blowers
- 2) Clean front of engine room in order:
 1. Vacuum dust and debris from main & auxiliary generators
 2. Vacuum dust and debris from aux. gen. drive shaft & support, oil separator, blowers and engine air filter housings
 3. Wipe down above areas with rags dampened with appropriate cleaners
- 3) Replace engine air intake filters, complete sub-items 1-3 above first
- 4) Replace right bank water pump. Water leak is excessive and poses major danger of oil contamination
- 5) Fix leaks on overspeed trip housing drains. Oil leakage is excessive
- 6) Clean, inspect and lubricate handbrake April 4, found two bad ratchet teeth
 - Replace/rebuild handbrake mechanism
- 7) Pull and clean exhaust manifold stack extensions
- 8) Scrape carbon deposits from hood-mounted stack extensions
- 9) Clean deposits off exhaust manifolds below stacks
- 10) Clean "valley" on top of engine block. There is about one inch of sludge built up
- 11) Clean engine block
- 12) Finish cleaning under cab
- 13) Clean oil deposits off main generator
- 14) Left bank blower cover gasket has minor leak (8-27), replace gasket on both blowers
- 15) Replace hose from fuel filter housing to housing pressure relief valve
- 16) Clean engine room of carbon, oily deposits and dirt/sand, and other debris; scrape and wipe deposits and residue
- 17) Clean loose paint and rust off top "nose hood" around holes and seam to cab, seal holes and caulk seam to cab
- 18) Clean out "nose" of trash, debris etc.; scrape loose paint, vacuum dirt and rust, etc.
- 19) Clean and service class light fixtures, clean number board boxes; find and seal leaks

The following items will require locomotive to be over the oil pan

- 20) Wash/clean engine room floor of remaining oil; make sure engine room drain is clear
- 21) Wash/clean walkway of grease/oil
- 22) Wash batteries and battery box
- 23) Wash frame and fuel tank, clean grime and oil deposits off truck frames

Above items and repairs/inspections made spring and summer 2021 will need to be written in Appendix A of the 2022 Annual Inspection packet.

Electrical and pit-related inspections from 2020 & 2021 are to be transferred to 2022 packet, and repairs/inspections should be written in as well. **All** engine block inspections **will** need to be performed for the 2022 packet.