

CHAPTER 39

CLEANING INSTRUCTIONS – FIELD LUBRICATING AND SERVICING PALLET (FLSP)

- 39.1 This chapter provides basic cleaning requirements for selected vehicles. Where there is a specific requirement or need to highlight particular problem areas, detailed cleaning guides are provided as tables and figures or as Annexes in this chapter.
- 39.2 Field Lubricating and Servicing Pallet (FLSP) do appear to be quite innocuous but are very complex pieces of machinery. While all contamination and BRM must be removed, the main areas of concern are:
- a. general,
 - b. engine,
 - c. hose and hose reels,
 - d. camouflage nets, and
 - e. tarpaulins.

General

- 39.3 The cleaning instructions for a Field Lubricating and Servicing Pallet (FLSP), as illustrated in Figures 39–1 to 39-3, include the points detailed in Table 39-1.



Figure 39–1: Field Lubricating and Servicing Pallet (FLSP)



Figure 39-2: Field Lubricating and Servicing Pallet (FLSP) Wall Fittings



Figure 39-3: Field Lubricating and Servicing Pallet (FLSP) Floor Area

Table 39-1: Cleaning Instructions for Field Lubricating and Servicing Pallet (FLSP)

<i>Serial</i>	<i>Comments or Tasks</i>	<i>Technical Time (hours)</i>
1.	Remove all access panels	
2.	The radiator is to be treated as detailed for radiators	
3.	The interior is to be washed/air-cleaned to remove all plant, soil and insect matter	
4.	Elevate the generator to facilitate cleaning of the underside	
5.	The cover panels are to be removed and cleaned.	
6.	Heat and soundproofing on panels is to be cleaned and washed or removed as necessary to achieve the required standard	
7.	Linings may need to be disposed of if they cannot be brought to an acceptable standard	
8.	Clean all recesses and access points (such as forklift tine points, pallet stands, pallet interlocks, twist lock tie-down points, power outlets)	
9.	Clean the exhaust grills	
10.	Remove the battery to facilitate cleaning of the battery and the battery	

<i>Serial</i>	<i>Comments or Tasks</i>	<i>Technical Time (hours)</i>
	recess	
11.	Clean out any cable conduit with high-pressure water. Note that high-pressure is NOT to be used for grills	

Engine

39.4 The cleaning instructions for the Field Lubricating and Servicing Pallet's engine bay, as illustrated in Figures 39–4, include the points detailed in Table 39-2.

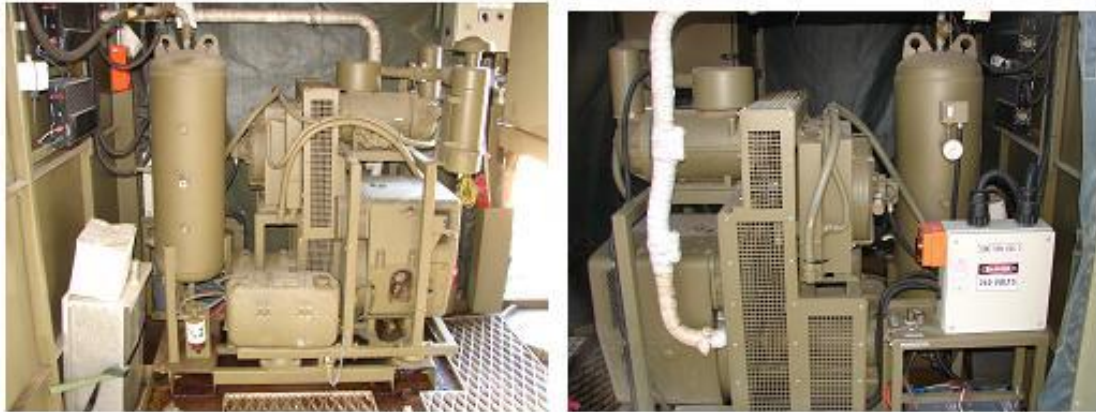


Figure 39–4: Field Lubricating and Servicing Pallet's Engine and Pump Bay

Table 39–2: Cleaning Instructions for the Field Lubricating and Servicing Pallet's Engine and Pump Bay

<i>Serial</i>	<i>Comments or Tasks</i>	<i>Technical Time (hours)</i>
1	Remove all non-affixed engine covers to allow access	
2	Remove belly plates (if fitted) to allow access from underside	
3	Air tanks are generally found underside and need to be cleaned – ensure topside of tanks are cleaned.	
4	Flush radiator and oil cooler fins (May require removal of shroud).	
5	Check air-filter (and pre-cleaner if applicable).	
6	Ensure all hydraulic hoses are accessible and clean	
7	Ensure any wiring harnesses and looming is clean – may require removal to clean.	
8	Ensure any fanbelt pulleys are clean (some have small holes in front)	
9	Chassis rails can be hollow – check for access or drainage points and flush to ensure clean.	
10	Check to ensure that sump and engine block is clean.	
11	Check wheel arches for hollow support framework – flush if required.	

Hoses and Hose Reels

- 39.5 The cleaning instructions for the Field Lubricating and Servicing Pallet's hoses and hose reels, as illustrated in Figures 39-5 to 39-7, include the points detailed in Table 39-3.

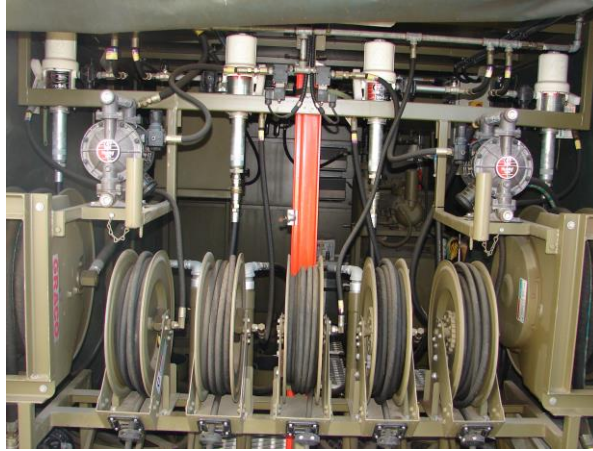


Figure 39–5: Field Lubricating and Servicing Pallet's Hose Reels External View

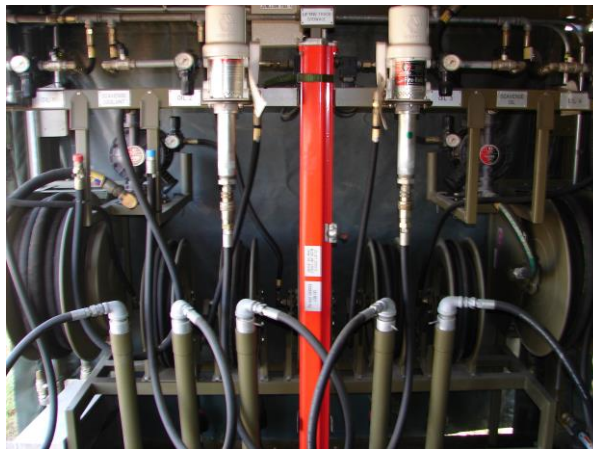


Figure 39–6: Field Lubricating and Servicing Pallet's Hose Reels Internal View



Figure 39–7: Field Lubricating and Servicing Pallet's Hose Reels Internal Side View

Table 39–3: Cleaning Instructions for the Field Lubricating and Servicing Pallet’s Hoses and Hose Reels

<i>Serial</i>	<i>Comments or Tasks</i>	<i>Technical Time (hours)</i>
1	Unroll all hoses and clean all oil and grease material to ensure there is no soil, plant or insect matter. Clean hose assembly with a high-pressure water cleaner.	
2	Clean all hose couplings and hose coupling assembly with a high-pressure water cleaner.	
3	Clean all hose reels to ensure there is no soil, plant or insect matter.	
4	Remove all contaminated grease from hose reels.	

Camouflage Nets

39.6 The cleaning instructions for camouflage nets include the points detailed in Table 39-4.

Table 39–4: Cleaning Instructions for Camouflage Nets

<i>Serial</i>	<i>Comments or Tasks</i>	<i>Technical Time (hours)</i>
1	Removal of grass and debris may be achieved by use of a petrol powered blower/vacuum in the first instance, use of water should be avoided.	
2	Heavily soiled camouflage nets may require further scrubbing and a dip in an approved detergent/ disinfectant (one in 20 solution). This has been achieved in the past by using trailers with required additive.	
3	Depending on the degree of contamination and diligence in the cleaning process, camouflage nets may require three or more trailer dips to achieve the required DA clearance.	
4	Drying is to be achieved by hanging the camouflage net so that it does not come into contact with the ground.	
5	Nets are to be inspected to ensure that all plant material is removed.	
6	Camouflage poles are to be brushed or swept clean; and metal joiners are to be removed, cleaned and inspected.	

Tarpaulins

39.7 The cleaning instructions for the tarpaulins include the points detailed in Table 39-5.

Table 39–5: Cleaning Instructions for Tarpaulins

<i>Serial</i>	<i>Comments or Tasks</i>	<i>Technical Time (hours)</i>
1	All tarpaulins are to be given a brush down, brush scrubbing and hose cleaning, paying particular attention to the seam areas and then hung so as not to contact the ground for drying.	
2	All ropes and universal dispatch straps are to be extended to their full length and wiped or washed clean of all soil, plant and insect matter. Attention to attachment points and fixtures and tension devices is required.	

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<i>Serial</i>	<i>Comments or Tasks</i>	<i>Technical Time (hours)</i>
	Personnel are to inspect and remove all twigs, foliage, and so on that has become embedded in the rope fibres.	
3	Velcro panels and seams (where fitted) are to be brushed and washed to ensure all seed, plant and soil material is removed.	
4	Canvas bags are to be turned inside out and checked for burrs, seeds and insects.	
5	Where fitted, poles, knuckles and pegs are to be subject to a high-pressure water clean to remove all soil, plant and insect matter (ants, spiders and mud wasps are of particular concern).	
6	If tarpaulins have not been used during the entire deployment, then the requirement is for all tarpaulins to be unrolled, brushed and swept clean to ensure no vermin or insect infestation and then subject to an inspection.	