



Fire Fighting Truck, Airfield, 10 Ton, 6 x 6, Foam, Thornycroft, Nubian Major Mk 9

PURPOSE:

- Foam producing vehicle for aircraft crash and fire fighting duties and capable of delivering water alone for use in domestic fire fighting. Can operate a cross country and in all climates

ENGINE:

- Cummins V8, 14790cc, 8 cylinder, liquid cooled, diesel, developing 214.76kw (288bhp) at 2800rev/min. Compression ratio 16.5:1

CAPACITIES:

- Fuel - 136.38 litres
- Coolant - 77.28 litres
- Oil (engine) - 18.92 litres
- Fluid coupling - 12.50 litres

ELECTRICAL SYSTEMS:

- 2 separate electrical systems are provided. A 24V, single-pole negative earth system supplies chassis lights and equipment. Mains operated heaters are provided for radiator, crew compartment and fire fighting equipment and a battery charging unit

BRAKES:

- **Foot** - Air pressure operating on all wheels
- **Hand** - Control valve operates spring chambers on rear bogie wheels

WHEELS & TYRES:

- 2 piece divided rim type, fitted with 14.00 – 20 radial ply tyres. Front and rear wheels are not interchangeable

TOWING CONNECTIONS:

- **Front** - Towing and recovery loops
- **Rear** - Recovery loops, jaws and pin towing attachment

CAB & BODY:

- Fully enclosed cab with accommodation for driver and 3 crew members. Access doors provided each side for both driver and crew members. A platform is provided inside the cab for the crew member operating the monitor through the hatch in the cab roof. Stowage compartments are provided in the cab for crew's helmets, gloves and equipment and also each side of the body for standard fire fighting and rescue equipment. Catwalks for access to ladders and suction hose are provided on top of the vehicle

EQUIPMENT:

- Besides the normal fire fighting equipment carried, the Mk9 is equipped with 5682 litres of water and a 590 litre tank of foam, a Coventry Climax Mk 14 pump driven from PTO, foam proportioning unit, a 45 litre BCF fire extinguisher unit with 2 30.5m hose and applicator. Also carried are 2 11kg dry powder extinguishers, 2 BCF hand held extinguishers. A hose reel is also carried in the back locker with 3 x 18m length of 19mm bore hose, 2 suction hose are also carried on the roof. A self-aspirating foam monitor is mounted on the roof and a deflector can be fitted to enable a 12m wide carpet of foam to be laid 15m in front of the vehicle. 2 extending ladders are also carried on the roof

DIMENSIONS:

- Overall length - 8.73m
- Overall width - 2.48m
- Overall height - 3.45m
- Wheelbase - 4.57m
- Wading depth - 0.61m
- Ground clearance - 0.33m
- Turning circle - 27.43m

WEIGHT:

Laden

- FAW - 5677kg
- Rear bogie - 15025kg
- Total - 20702kg