



## **Firefighting Truck, 5 ton, 6 x 6, Water, Foam DP, Mk 2, W/Monitor Thornycroft TFA/B81**

### **PURPOSE:**

- A truck used for crash fire fighting and rescue. The vehicle carries 4545 litres of water and 227 litres of foam compound. A monitor is fitted on the cab roof and is controlled from within the cab. The monitor may be supplied with either water or foam from the pump

### **ENGINE:**

- Rolls-Royce, 8 cylinder, liquid cooled, developing 125.27kw (168bhp) at 3500rev/min

### **CAPACITIES:**

- Fuel - 90.91 litres
- Coolant - 32.95 litres
- Oil (Engine and Filter) - 15.91 litres

### **ELECTRICAL SYSTEMS:**

- 2 separate electrical systems are provided. A 24V, single pole, negative earth system supplies the chassis, lighting and auxiliary equipment. A 220/250V, AC circuit for the mains equipment which is used to keep the vehicle prepared for immediate response

### **BRAKES:**

- Foot - Hydraulic, with air pressure servo, operating on all wheels
- Hand - Mechanical, operating on all wheels

### **WHEELS & TYRES:**

- Divided type wheels, 8.00 – 20 fitted with 12.00 – 20, 14 ply, cross-country tread tyres

### **SUSPENSION:**

- Semi-elliptic, front and rear

## DIMENSIONS:

- Overall length - 6.84m
- Overall width - 2.30m
- Overall height - 3.17m
- Wheelbase (mean) - 3.73m
- Ground clearance - 0.33m
- Turning circle - 15.24m

## WEIGHT:

Laden (including 4545 litres of water, 227 litres of foam and crew and equipment)

- FAW - 4687kg
- RBW - 7698kg
- Total - 12385kg

Fact sheets supplied by Chris Spraggins  
<http://www.manstonfiremuseum.com>