

# California Department of Forestry & Fire Protection



## CAL FIRE ENGINE - MODEL 14

### USE

CAL FIRE moved to the four-wheel drive Model 14 in 1990. At this point, the Department had adopted the 500 gallons per minute, 2-stage pump, hydrostatically driven, as an effective system. Field experience had proven this combination to provide flexibility in dealing with the wide variety of fire scene conditions encountered by CAL FIRE crews. This design factor facilitated moving the crew inside for safety, without increasing the chassis wheel base. One note, CAL FIRE Model 14 and 15 engines are basically the same, with the exception of the chassis, four-wheel drive versus two-wheel drive. CAL FIRE has 107 Model 14 engines on the frontlines.

### CREW

Seating for five personnel

### CAPABILITIES

**Booster Tank:** 500 gallon  
**Fire Pump:** Hydrostatic Driven  
Two-Stage, 500 gpm

**Class A Foam**

### MANUFACTURERS

**Chassis:** Navistar  
**Body:** Master Body Works/  
West-Mark/  
Placer Fire Equipment

### SPECIFICATIONS

**Gross Vehicle Weight:** 33,000 lbs.  
**Engine:** Navistar DT-466/530  
**Front Axle:** 12,000 lbs.  
**Rear Axle:** 21,160 lbs.  
**Transmission:** Allison MT 643  
**Wheel Base:** 152"

