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”