



## HOMELITE MODEL 410 CHAIN SAW

### FEATURES

#### ENGINE

**Dry Weight:** 15 lbs. 8 oz.

**Displacement:** 4.1 cu. in. (67.2cc)

**Bore:** 1.94" (49.2mm)

**Stroke:** 1.38" (34.8mm)

**Speed:** 9000 RPM (cutting),  
2500-3000 RPM (idle)

**Bearings:** Ball bearings on crank shaft; Silver plated caged roller crankpin bearing, Needle wrist pin bearing

**Clutch:** Three piece, lined clutch, inboard sprocket

**Muffler:** Softone® dual chamber, USFS Approved, Front mounted, bottom exit

#### IGNITION

**Magneto:** High voltage capacitor discharge

**Timing:** Automatic retard and advance

**Spark Plug:** Champion DJ-7Y

**Spark Plug Gap:** .025"

#### CARBURETION AND FUEL

**Carburetor Type:** Diaphragm

**Intake Valve:** Pyramid type and reed valve

**Air Filter:** Micro-mesh, cartridge type

**Fuel Capacity:** 24 fl. oz. (.71l)

**Throttle Control:** Trigger in the rear handle, safety interlock throttle latch for starting

#### CHAIN AND GUIDE BAR

**Guide Bar:** 16-31" Power Tip, Gas Welded or Sprocket Nose Bars

**Chain:** Homelite #38 Series, 3/8" pitch

**Chain Speed:** 3940 ft. per minute at 9000 RPM

**Sprocket:** Star type 7 tooth, 3/8" pitch; Optional-rim sprocket

**Chain Oiling System:** Positive displacement crankshaft driven automatic pump with manual override

**Chain Oil Capacity:** 12 fl. oz. (.35l)

#### GENERAL

**Safe-T-Tip® :** Anti-kickback device

**Hand Guards:** Standard

**Noise Level:** 100 DBA at operator's ear at 7000 RPM  
83 DBA at 50 ft. at 7000 RPM

**Vibration:** 3-4g's at 7000 RPM

**Chain Brake:** Optional

### BENEFITS

Light but rugged

Powerful enough for 16" to 31" guide bar

High engine speed for fast cutting

Long life engine components

Heavy duty, long life, low slip

Quiet operation

No breaker points and long plug life

Makes starting easy

All position operation

Optimum power at all engine speeds and good low speed torque

Increased filter area for less frequent cleaning

Operates up to 35 minutes without refueling

All controls within easy reach of fingers and hands

Heavy duty bars for all applications

Excellent all around saw chain

High chain speed for fast, smooth cutting

Assures proper chain speed for all around sawing

Allows customized oil flow to match cutting demands

Ample oil for continuous lubrication with each tank of fuel

Eliminates kickback

Saw fitted with left and right hand guards

Quiet operation

Smooth running

**HOMELITE TEXTRON**

Homelite Division of Textron Inc.