**TOOL LIST**

**DIESEL TECHNOLOGY**

**CLARK COLLEGE**

* **Tools and equipment to begin first quarter.**

All other tools should be acquired by the third quarter of attending the Diesel program.

* Safety glasses with side shields

Socket Set-to include ratchet, flex handle and extensions (3)

3/8 in. Drive-Sockets 3/8" to 3/4"

* 1/2 in. Drive-Sockets 7/16" to 1 1/14"

3/4 in. Drive-Sockets 7/8" to 2 1/4"

3/8 in and ½ in. Metric Sockets - 9mm-28mm

Metric combination wrenches - 5mm to 28mm

Deep Sockets for 1/2" and 3/8" drive

* Roller cabinet and Tool chest (top and bottom boxes)
* Screwdrivers-standard, 4 sizes
* Screwdrivers - Phillips-No. 1, 2, 3
* Allen wrench set L-handle, standard and metric
* Torx wrench set L-handle or socket set
* Punch & Chisel set
* Slip Joint pliers
* Arc joint pliers (channel locks)
* Standard Diagonals (side cutters)
* Needle-nose pliers
* Combination wrenches - 3/8" to 1 1/4"
* Gasket Scraper
* Feeler gauges
* Inspection mirror
* Flashlight
* Torque wrench - 1/2" drive- 250 FT.LB

Torque wrench - 1/4" or 3/8" drive - inch Pounds

* Open-end wrenches 7/16" to 1 1/4"
* Wire brush
* Drill Point Gauge

1 Pry bar (flat/point tip) 24"

2 Heel bar 24”

Hammers – Ball peen 12 and 24 oz.

Composition (Soft-head) hammer

Sledge Hammer 3lb.

Hacksaw

* Tape Measure

Adjustable Wrenches-8", 10", 12", 16"

Pipe Wrench -`` 8" and 16"

Easy Outs set

Files - Round and flat

* Fluke 115 Digital Multi-meter (volts, amps and ohms) **Required for Diesel 120 and 221**
* Circuit Tester (Test Light) Required for Diesel 120 and 221

Temperature gun – laser – 0 degree F. – 500 deg F.

Hydraulic thread identification tool kit, Eaton FT1341 or equivalent from Caterpillar or other vendor

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