

Hydraulic Oil How Much



- **General Rule – 1 ½ X the Rated Flow of the Pump at 1200 rpm's**
- **Example P51 Pump with 6.38 Cubic Inches of Displacement**
- **$[6.38 \text{ cid} \times 1200 \text{ rpm} / 231] \times 1.5 = 50 \text{ Gallons}$**

HYDRAULIC OIL WHAT KIND



Grade AW22 – Very Cold Temperature (Northern Canada)

Grade AW32 - Good All Temperature (Most Common)

Grade AW68 - Extremely High Temperatures (Florida-New Mexico-Arizona- Texas-Southern California)

Make Sure To Use Non-Foaming Hydraulic Oil

HYDRAULIC OIL HOW TO CHECK



- **Take a Sample from the middle of the Hydraulic Tank**
- **Does the Fluid Look Milky?**
- **Does the Fluid have foam or air bubbles?**
- **Is the Fluid Black or Burnt Looking?**
- **Does the Fluid Smell Like Something the Cat Brought In?**
- **Is their Presence of Metal Particles in the Fluid?**

HYDRAULIC OIL – WHEN TO REPLACE



Indicator Gauge (15 PSI)



Indicator Gauge (25 PSI)

- When these gauges are in the red it is time to replace the filter element
- If you have no gauge on the filter make it a point to go and purchase one from your nearest distributor