Input Torque Ft / Ibs x 1000

18

17

16

15

14

13

12

PowerTrainSavers 2500 Quintaplex Pump (With 2500 HP Engine) Allison Transmission 9800 2500 Quintaplex Pump (With 2250 HP Engine) Twin Disc Transmission 8505 38 Warning: Damage to 1 37 Failure to torque down Torque Fuses can cause premature Torque Fuse breakage. Incorrect RI 36 35 34 33 Approximated Pump Damage Area 32 31 30 29 28 27 26 Torque Fuse Z (25,500 Ft/Lbs) 25 Torque Fuse Y (24,500 Ft/Lbs) 24 Torque Fuse X (23,500 Ft/Lbs) 23 Torque Fuse W (22,500 Ft/Lbs) 22 3rd Gear Twin Disc Rand Gear Allison O Gear 21 20 19

• The graph above shows how much torque the engine can produce in the different gears.

16

Maximum Pump Rated

Pressure Kick Out

Twin Disc

19

4th Gear

18

• Cavitation and sand-off are the leading causes of pump damage.

14

13

Allison

15

5th Gear Twin Disc

• The hammering effect of cavitation can cause torque spikes that go beyond the charted lines above.

Engine RPM x 100

17

21

69 MPA / 10.000 PSI

20