

Wayne Dalum 09-24 COMPRESSOR UNIT

Cate G3512LE/Frick TDSH283L AT 155 PSI

09-24-27-19-W4M

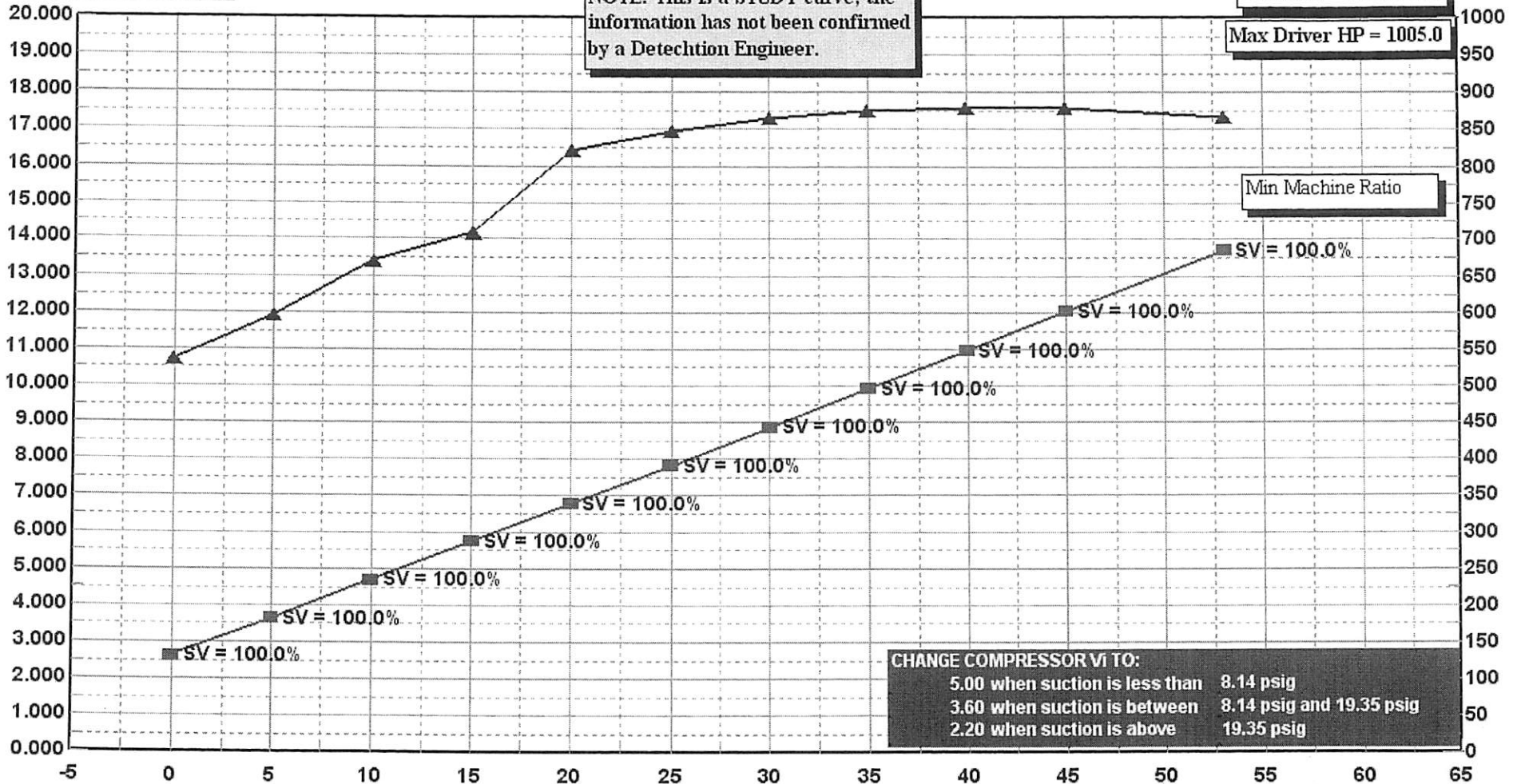
NOTE: This is a STUDY curve, the information has not been confirmed by a Detechtion Engineer.

Elevation = 2700.0 fasl

Max Driver HP = 1005.0

Min Machine Ratio

CAPACITY - MMSCFD @ 14.696psia & 60oF



CHANGE COMPRESSOR VI TO:
 5.00 when suction is less than 8.14 psig
 3.60 when suction is between 8.14 psig and 19.35 psig
 2.20 when suction is above 19.35 psig

Engine and Compressor Information:
 Engine Make = Caterpillar
 Engine Model = G3512LE
 Gear Ratio = 2.55
 Compressor Make = Frick
 Compressor Model = TDSH283L
 Compressor L/D Ratio = 1.69
 Compressor RPM = 3570
 Max Discharge Pressure = 350 psig

SUCTION PRESSURE at 60oF (PSIG)

■ CAPACITY ▲ HORSEPOWER

Cooler Information:
 Cooler Make = Unknown
 Cooler Model = Unknown
 Cooler HP = 40.0 at max RPM

Oil Information:
 Oil Pump = NO
 Oil Density = 52.00
 Oil Specific Heat = 0.48

Gas Information:
 Gas k-Value = 1.280
 Gas Specific Gravity = 0.642

Project Number

