

Wintery Hills 10-20 COMPRESSOR UNIT

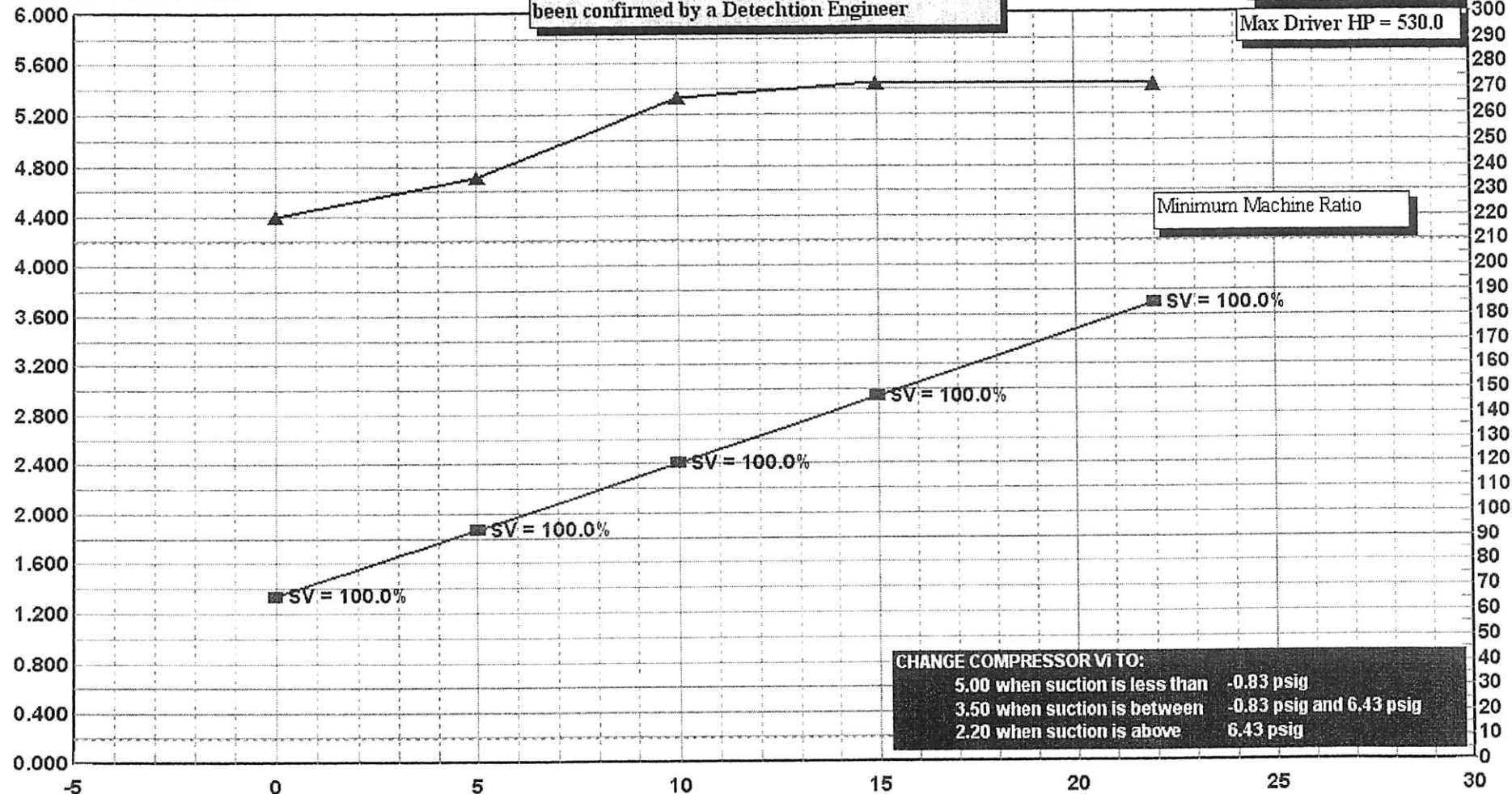
Wauk H24GL/Frick TDSH283L AT 85 PSIGD

NOTE: This is a STUDY curve, the data has not been confirmed by a Detection Engineer

Elevation = 2608.0 fasl

Max Driver HP = 530.0

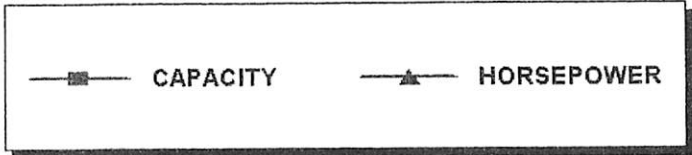
CAPACITY - MMSCFD @ 14.696psia & 60oF



CHANGE COMPRESSOR V1 TO:
 5.00 when suction is less than -0.83 psig
 3.50 when suction is between -0.83 psig and 6.43 psig
 2.20 when suction is above 6.43 psig

Engine and Compressor Information:
 Engine Make = Waukesha
 Engine Model = H24GL
 Gear Ratio = 1.00
 Compressor Make = Frick
 Compressor Model = TDSH283L
 Compressor L/D Ratio = 1.69
 Compressor RPM = 1800
 Max Discharge Pressure = 350 psig

SUCTION PRESSURE at 60oF (PSIG)



Cooler Information:
 Cooler Make = Unknown
 Cooler Model = Unknown
 Cooler HP = 21.0 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

HORSEPOWER AT 1800 RPM

