

Wayne Dalum 13-17 COMPRESSOR UNIT

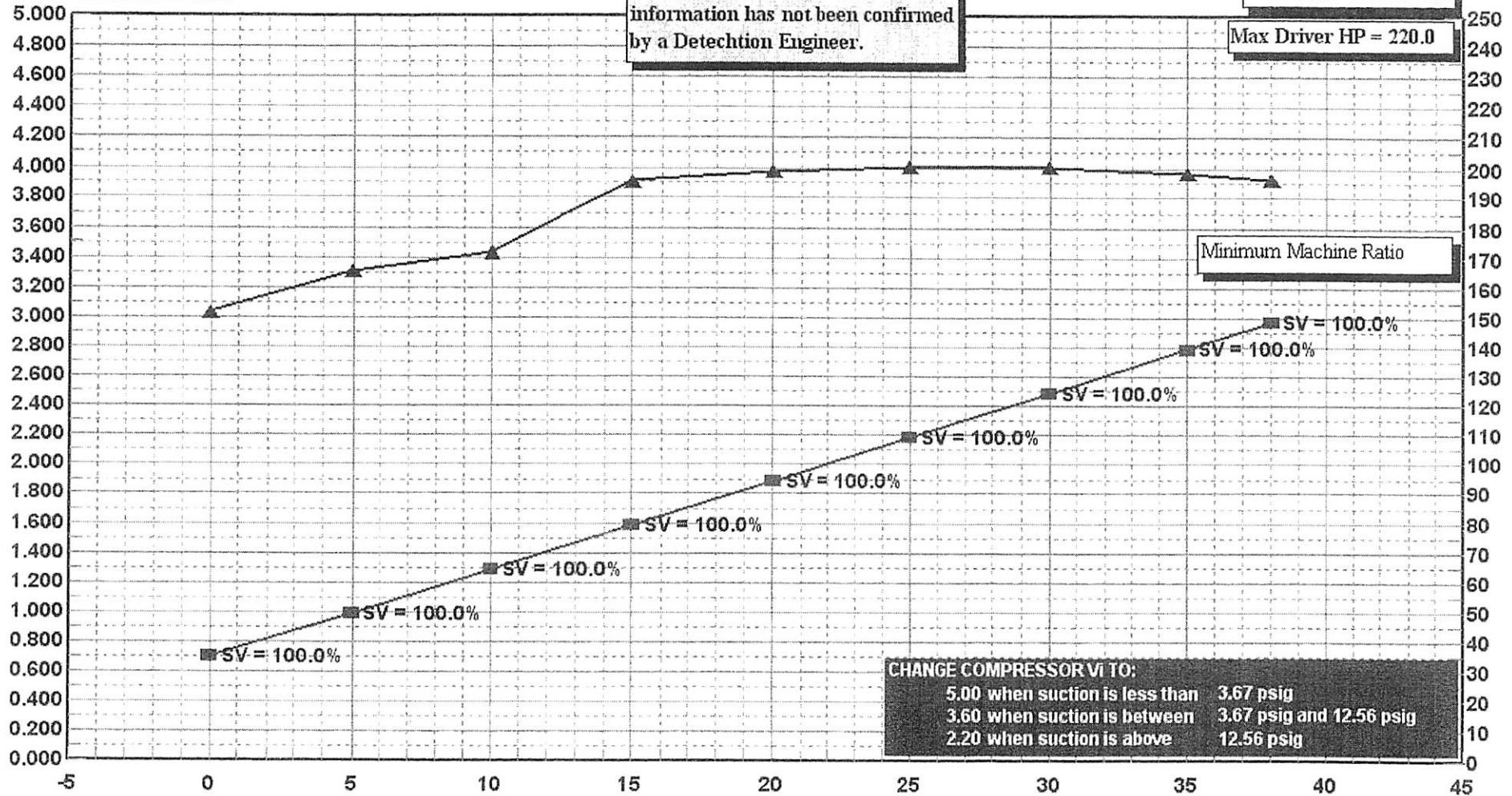
Cate G3306TA/Frick TDSH233L AT 120 PSI

13-17-26-20-W4M

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

Elevation = 2700.0 fasl
Max Driver HP = 220.0

CAPACITY - MMSCFD @ 14.696psia & 60oF



Minimum Machine Ratio

CHANGE COMPRESSOR VI TO:
 5.00 when suction is less than 3.67 psig
 3.60 when suction is between 3.67 psig and 12.56 psig
 2.20 when suction is above 12.56 psig

Engine and Compressor Information:
 Engine Make = Caterpillar
 Engine Model = G3306TA
 Gear Ratio = 1.00
 Compressor Make = Frick
 Compressor Model = TDSH233L
 Compressor L/D Ratio = 1.69
 Compressor RPM = 1800
 Max Discharge Pressure = 375 psig

SUCTION PRESSURE at 60oF (PSIG)

—■— CAPACITY —▲— HORSEPOWER

Cooler Information:
 Cooler Make = Unknown
 Cooler Model = Unknown
 Cooler HP = 8.0 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

HORSEPOWER AT 1800 RPM