

Wintering Hills 10-27 COMPRESSOR UNIT

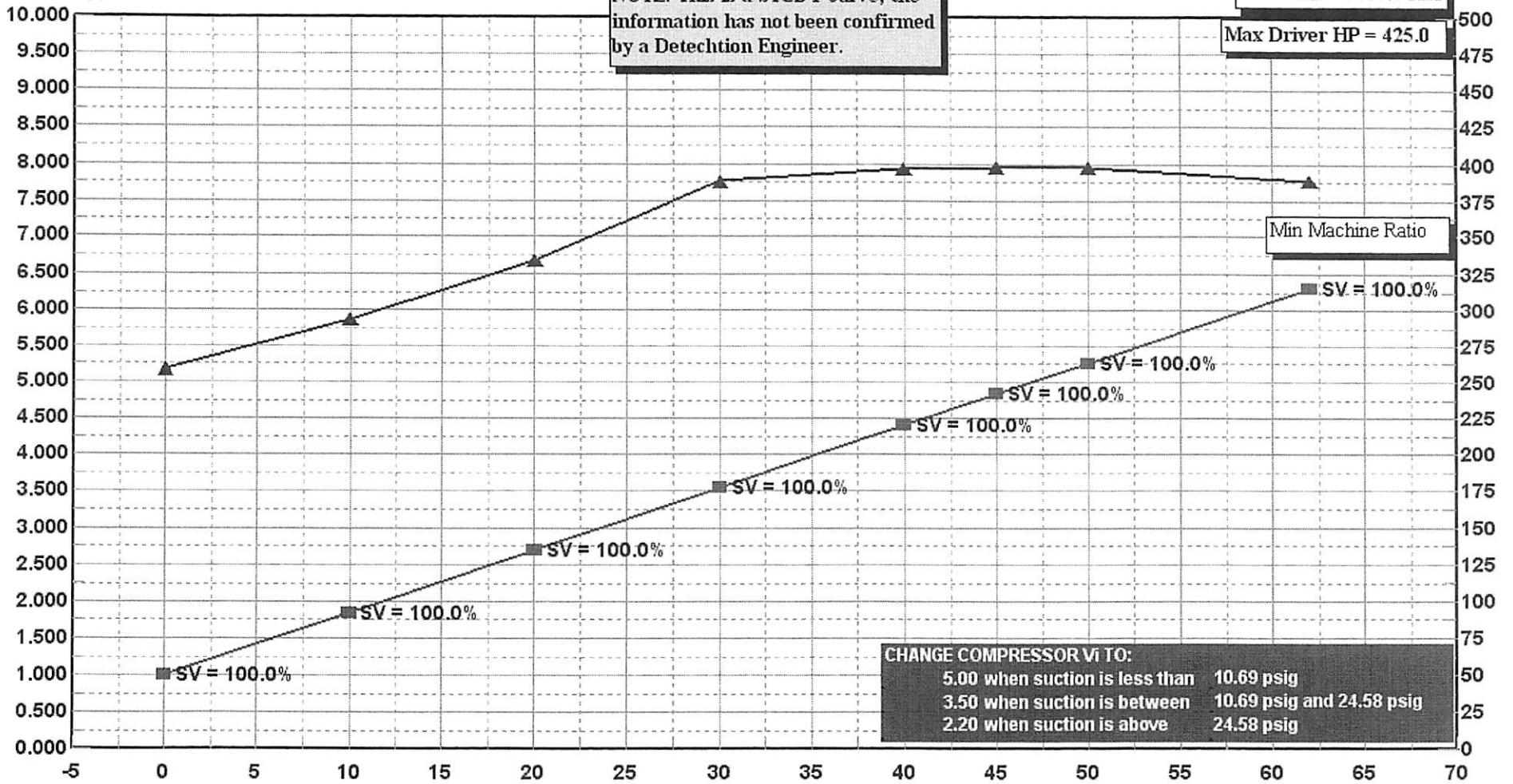
Cate G3408LE/Frick TDSH283S AT 175 PSI

10-27

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

Elevation = 2700.0 fasl
Max Driver HP = 425.0

CAPACITY - MMSCFD @ 14.696psia & 60oF



Min Machine Ratio

CHANGE COMPRESSOR VI TO:
 5.00 when suction is less than 10.69 psig
 3.50 when suction is between 10.69 psig and 24.58 psig
 2.20 when suction is above 24.58 psig

Engine and Compressor Information:
 Engine Make = Caterpillar
 Engine Model = G3408LE
 Gear Ratio = 1.00
 Compressor Make = Frick
 Compressor Model = TDSH283S
 Compressor L/D Ratio = 1.34
 Compressor RPM = 1800
 Max Discharge Pressure = 350 psig

SUCTION PRESSURE at 60oF (PSIG)

■ CAPACITY ▲ HORSEPOWER

Cooler Information:
 Cooler Make = Unknown
 Cooler Model = Unknown
 Cooler HP = 17.0 at max RPM

Oil Information:
 Oil Pump = NO
 Oil Density = 52.00
 Oil Specific Heat = 0.54

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

