Module Setup 332 - Lamerton 03-09-43-21-W4M C-210			
Detechtion Number	332	Asset Name	Lamerton 03-09-43-21-W4M C-210
Client Asset #	332	Asset Location	03-09-43-21-W4M
Asset Type	Screw	Recipient Location	
Latitude	52.6851173	Elevation - fasl	2565.6
Longitude	-112.9943334	Time Zone	America/Edmonton
Area	CBM North	Field	Smaller HP Machinery Using Maintenance Module
Foreman	Scott Gamble		
Operator		Province/State	Alberta
Packager Name	PC Compression	Package Serial #	S07042
Package Manufacturer Date			
Noise Suppression Installed		Asset Sound Level (dB)	0
Noise Suppression Description			
Cost Center Code	3200210		
Asset Properties			
Gas Working Interest %	100	Gas Pricing - $/mscf	2
Skid Type	Housed	Electricity Pricing - $/kWh	0.1
Field Limitation	No	Sour Service	No
Ownership Status	Owned	Asset Application	Gathering
Disable HP Savings CFR Due To Bypass	No	Vibration Planes	1
Emissions			
EUB License #		Environmental Registration #	
Regulated Facility Name		Regulated Facility Type	
Facility ID (From Environment Canada)		Facility - Date of Change	
Facility Licensed NOx Emissions		Facility Licensed CO Emissions	
Facility Licenced HP			
NPRI		Provincial Identifier Type	
Provincial Identifier		Other Provincial Identifier Type	
Additional Responsible Person Name		Additional Responsible Person ID	
Additional Responsible Person Role			
Setup Date	6/1/2015	Setup Fee	Setup Fee # 2
		Enalysis Fee	Enalysis Fee # 1
Active Status	Surplus	Using Maintenance	Yes
Surplus Condition	Unknown		
Stand-by	Yes	Using SCADA	Yes
Remote Asset ID			
Reason Unit is not Operating			

Gas Analysis Setup	332 - Lamerton 03-09-43-21-W4M C-210		
Gas	MOL Fraction	Gas	MOL Fraction
Hydrogen	0	Normal Butane	0
Helium	0	ISO Pentane	0
Nitrogen	0.0082	Normal Pentane	0
Carbon Dioxide	0.002	Hexane	0
Hydrogen Sulfide	0	Heptane	0
Methane	0.9853	Octane	0
Ethane	0.0041	Oxygen	0
Propane	0.0004	Ammonia	0
ISO Butane	0	Water	0
Total MOL Fraction	1	Pseudo Critical Temperature Adjustment	0.44
Temperature Base - ^{O}F	60	Pressure Base - psia	14.696
Stream Name	Inlet Stream	Stream Type	Inlet Stream
Dehydrated Gas	Yes	Sample Date	06/01/2015
Sort Order	1		
Date of Entry	6/1/2015		

Driver Setup	332 - Lamerton 03-09-43-21-W4M C-210		
Manufacturer	Copeland Scroll	Model	Unknown
Serial Number	Unknown	Asset Tracking Number	
Driver Type	Electric	Engine Manufacturer Date	
A-C Motor Type	Induction		
Name Plate Rated rpm	101	Min rpm	100
Max Horsepower @Sea Level	75.99	Max Derated Horsepower	75.99
Min Horsepower @Sea Level	74.99	Min Derated Horsepower	74.99
Name Plate Voltage		Name Plate Current	
Phase	3 Phase	Cycles - HZ	
System Power Factor		Class and Division	Class I, Div 2
Service Factor		Nema Efficiency Index	
Group	GroupC	Motor ID	
Enclosure	TEFC	Ambient Operating Temp - ^{O}F	60
Other Auxiliary Draw - HP	0	Max Motor Overhaul Hours	0
Gear Ratio	1	Compressor rpm @ Rated Driver rpm	101
Year Organization Became Responsible Person		Company Role	
If Owner, owned before 2016-06-17?		Date of ownership if on or after June 17, 2016	
Internal ID			
Requesting unique identifier?		Reason for requesting unique identifier	
Unique Alphanumeric Identifier			
Records located at facility?		Records Location	
Group Type		Group Date Start	
Emission Control Systems Type		Emission control systems type if other	
Emission control systems before or on March 31, 2020?		Emission control systems date if after March 31, 2020	
Registered Date			

Frame Setup 332 - Lamerton 03-09-43-21-W4M C-210			
Manufacturer	Copeland Scroll	Model	S2044C1A-EDE-244
Frame Type	Helical	Profile	Asymmetric
Serial Number	07BA2980	Asset Tracking Number	
Manufacturer Date Frame			
Male Rotor Diameter (m)	0.99	Vi Setting Type	Fixed
Male Rotor Length (m)	0.99	Vi Setting Low	
Gap Size (inches)	0.003	Vi Setting Medium	
Max Frame Discharge Temperature (^{o}F)	200.99	Vi Setting High	
Max Suction Pressure (psig)	25	Vi Setting Fixed	1.99
Max Discharge Pressure (psig)	250	Vi Theory	Vi is Fixed
Max Compressor Speed (rpm)	4800	Configuration (Male x Female)	4 x 6
Max Compressor Overhaul Hours	0	Balance Piston Diameter (mm)	0
Minimum Slide Valve Position -%	0	Thrust Bearings Load Rating(lbs)	0
Has Oil Pump	No	Oil Viscosity (ISO)	120
Oil Density (LB / FT^{3})	52	Oil Specific Heat(Btu / LB^{o}F)	0.48
Oil Type	Unknown	Oil Pump HP	
Max Coalescing Filter Differential (psig)	15	Max Oil Injection Temperature (^{o}F)	170
Max Oil Filter Differential (psig)	10	Max Oil Discharge Temperature (^{o}F)	210

Slide Valve Coefficients	Value
Constant	0
SV^{1}	1
SV^{2}	0
SV^{3}	0
SV^{4}	0
SV^{5}	0
SV^{6}	0

Vi Efficiency Factors	
Vi	Efficiency Factors
1.99	1

Aerial Cooler Setup 332 - Lamerton 03-09-43-21-W4M C-210			
Manufacturer	Global Heat Transfer	Model	GHT 450 SC
Serial Number	0511303025	Horsepower Draw	0
Coolant Type		Rated RPM	0
Blade RPM		Blade Diameter	
Electricity Draw			
Design Pressure MAWP - psig	402	Required Temperature Out - ^{O}F	120
Estimated Pressure Drop - psig	5	Max Design Temperature - ^{O}F	250
# of Passes/Section		Corrosion Allowance - inches	
# of Tubes/Section		Fouling Factor	
# of Rows		Ambient Air Design Temp - ^{O}F	
Tube O.D. - inches		Tube I.D. - inches	
Tube Gauge		Length of Tubes - feet	
Tube Material			

Reporting Compliance 332 - Lamerton 03-09-43-21-W4M C-210	
Set Expected Interval	No

Linked Modules 332 - Lamerton 03-09-43-21-W4M C-210
Links to related asset modules.