Module Setup 1079 - Lamerton 06-27-42-20-W4M			
Detechtion Number	1079	Asset Name	Lamerton 06-27-42-20-W4M
Client Asset #	1079	Asset Location	06-27-42-20-W4M
Asset Type	Recip	Recipient Location	
Latitude	52.6433212	Elevation - fasl	2634.5
Longitude	-112.8027724	Time Zone	America/Edmonton
Area	CBM North	Field	Smaller HP Machinery Using Maintenance Module
Foreman	Scott Gamble		
Operator		Province/State	Alberta
Packager Name	Gas Pro	Package Serial #	12-07-172
Package Manufacturer Date			
Noise Suppression Installed		Asset Sound Level (dB)	0
Noise Suppression Description			
Cost Center Code	3200374		
Asset Properties			
Gas Working Interest %	100	Gas Pricing - $/mscf	3
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	5/6/2014	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	1079		
Reason Unit is not Operating	Disconnected as per D.Laye April 2016 - BN		

Gas Analysis Setup 1079 - Lamerton 06-27-42-20-W4M			
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	Generic Inlet Stream	Stream Type	Inlet Stream
Dehydrated Gas	Yes	Sample Date	06/02/2015
Sort Order	1		
Date of Entry	6/2/2015		

Driver Setup	1079 - Lamerton 06-27-42-20-W4M		
Manufacturer	General Motors	Model	5.7L
Serial Number	Unknown	Asset Tracking Number	
Driver Type	NA	Engine Manufacturer Date	
Engine Configuration	V	Number of Cylinders	8
Compression Ratio	9.4		
Rated rpm	1800	Min rpm	1000
Max Horsepower @Sea Level	40.99	Max Derated Horsepower	40.99
Min Horsepower @Sea Level	39.99	Min Derated Horsepower	39.99
Fuel Requirements - Btu/HPhr	1000.99	Inlet Stream LHV - Btu/cft	1000.99
Engine Timing - BTDC °	0	Air / Fuel Ratio	0
Max Boost - psig	0	Max Engine Exhaust Temp - ^{O}F	0
Exhaust Flow - cfm	0	Exhaust O2 %	0
Max Engine NOx - g/bhp-hr	0	Max Engine CO - g/bhp-hr	0
Max Engine CO2 - g/bhp-hr	0	Overall Exhaust dB @ 1.5m	0
Water Pump - HP	0.82	Other Auxiliary Draw - HP	0
Max Top End Overhaul Hours	0	Max BTTM End Overhaul Hours	0
Max Oil Change Hours	0	Ambient Operating Temp - ^{O}F	60
Gear Ratio	1	Compressor rpm @ Rated Driver rpm	1800
Intake Valve Recession Limit	0	Exhaust Valve Recession Limit	0
Valves per Cylinder	1	Stroke Type	
Burn Type		Burn Type Date Modified	
Engine Muffler Make		Engine Muffler Model	
Engine Muffler Serial Number		Engine Coolant Type	
Catalytic Converter Installed	N / A		
Catalytic Converter Make		Catalytic Converter Model	
Catalytic Converter Serial Number		Element Installed	
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			

Engine Flags Setup	1079 - Lamerton 06-27-42-20-W4M								
Pressure - psig	High	High	Low	Low	Temperature - ^{O}F	High	High	Low	Low
Oil Header					Oil Header				
Jacket					Jacket				
Fuel Gas					Fuel Gas				
Intercooler					Intercooler				
Intake Manifold					Intake Manifold				
					Exhaust Manifold				
					Aux. Water				
					Cylinder Deviation				

Frame Setup 1079 - Lamerton 06-27-42-20-W4M			
Manufacturer	Gardner-Denver	Model	ANPHAA
Serial Number	DA21036/DA21037	Asset Tracking Number	
Manufacturer Date Frame		Stroke - inches	4.5
Number of Throws	2	Number of Stages	1
Unloader Type	None		
Rod Load Type	External		
Max Compression - lbs	100.99	Max Tension - lbs	100.99
Total Max Rod Load - lbs	0		
Dynamic Max Compression - lbs	100.99	Dynamic Max Tension - lbs	100.99
Max Overhaul Hours	0.99	Max Horsepower	100.99
Rated rpm	968	Min rpm	967.99

Cylinder Setup 1079 - Lamerton 06-27-42-20-W4M						
Stage	1	1				
Throw	1	2				
Cylinder Model	Unknown	Unknown				
Dummy Cylinder	No	No				
Cylinder Serial #						
Cylinder MAWP - psig	60	60				
Lube Status	Lube	Lube				
Cylinder Action	DA	DA				
Cylinder Diameter - inches	7.875	7.875				
Rod Diameter - inches	1.99	1.99				
Tail Rod Diameter - inches	0	0				
Associated Gas Stream	Generic Inlet Stream	Generic Inlet Stream				
Orifice Data						
Suct. Internal Pipe Diam. - inches	0	0				
Suct. Orifice Diam. - inches	0	0				
Disc. Internal Pipe Diam. - inches	0	0				
Disc. Orifice Diam. - inches	0	0				
Cylinder Heating/Cooling Factor 1079 - Lamerton 06-27-42-20-W4M						
Heating/Cooling Factor - %	0	0				
Cylinder Blowby Thresholds 1079 - Lamerton 06-27-42-20-W4M						
SA Severe Threshold - %	20	20				
SA Warning Threshold - %	12	12				
DA Severe Threshold - %	20	20				
DA Warning Threshold - %	12	12				
Deviation Severe Threshold - %	1000	1000				
Deviation Warning Threshold - %	10	10				

Valve Setup 1079 - Lamerton 06-27-42-20-W4M						
Stage	1	1				
Throw	1	2				
HE Suction Valve Resist VHDS	4.44	4.44				
HE Suction Valve Quantity	1	1				
HE Suction Valve Lift - inches	0.199	0.199				
HE Suction Valve Area - sq. in .	0.99	0.99				
HE Discharge Valve Resist VHDS	4.44	4.44				
HE Discharge Valve Quantity	1	1				
HE Discharge Valve Lift - inches	0.199	0.199				
HE Discharge Valve Area - sq. in .	0.99	0.99				
CE Suction Valve Resist VHDS	4.44	4.44				
CE Suction Valve Quantity	1	1				
CE Suction Valve Lift - inches	0.199	0.199				
CE Suction Valve Area - sq. in.	0.99	0.99				
CE Discharge Valve Resist VHDS	4.44	4.44				
CE Discharge Valve Quantity	1	1				
CE Discharge Valve Lift - inches	0.199	0.199				
CE Discharge Valve Area - sq. in .	0.99	0.99				
Suction Valve Manufacturer						
Suction Valve Model						
Suction Valve Type						

Discharge Valve Manufacturer						
Discharge Valve Model						
Discharge Valve Type						

Clearance Setup	1079 - Lamerton 06-27-42-20-W4M					
Stage	1	1				
Throw	1	2				
HE Clearance Min - %	0.99	0.99				
HE Clearance Max - %	0.99	0.99				
Max Pocket Travel - inches	0	0				
HE Spacers Max Quantity	0	0				
HE Clearance per Spacer - %	0	0				
CE Clearance Min - %	0.99	0.99				
CE Clearance Max - %	0.99	0.99				
CE Spacers Max Quantity	0	0				
CE Clearance per Spacer - %	0	0				

Reciprocating Setup	1079 - Lamerton 06-27-42-20-W4M					
Stage	1	1				
Throw	1	2				
Con. Rod Length - inches	1.99	1.99				
1/3 Con Rod Weights - lbs.	0	0				
Crosshead Pin Weight - lbs.	0	0				
Piston Weight - lbs.	0	0				
Rod Weight - lbs.	0	0				
Crosshead Weight - lbs.	0	0				
Balance Weight Added - lbs.	0.99	0.99				
Total Weight - lbs.	0.99	0.99				

Aerial Cooler Setup 1079 - Lamerton 06-27-42-20-W4M			
Manufacturer	AKG	Model	CC1600-C-CRN
Serial Number	CFRN 0110909-2316	Horsepower Draw	1.6
Coolant Type		Rated RPM	0
Blade RPM		Blade Diameter	
Electricity Draw			

Stage	1					
Design Pressure MAWP - psig	250					
Required Temperature Out - ^{O}F	120					
Estimated Pressure Drop - psig	5					
Max Design Temperature - ^{O}F	250					
# of Passes/Section						
# of Tubes/Section						
# of Rows						
Tube O.D. - inches						
Tube Gauge						
Tube I.D. - inches						
Length of Tubes - feet						
Tube Material - feet						
Corrosion Allowance - inches						
Fouling Factor						
Ambient Air Design Temp - ^{O}F						

Design Conditions Setup 1079 - Lamerton 06-27-42-20-W4M						
Stage	1					
PSV Setting - psig	70					
Max Discharge Valve Temp - ^{O}F	299.99					
Piping/Bottles Max Temp - ^{O}F	299.99					
Discharge Piping/Bottles MAWP - psig	150.99					

Reporting Compliance 1079 - Lamerton 06-27-42-20-W4M	
Set Expected Interval	No

Linked Modules 1079 - Lamerton 06-27-42-20-W4M
Links to related asset modules.