Module Setup 150 - Rosalind 05-07-44-17-W4M			
Detechtion Number	150	Asset Name	Rosalind 05-07-44-17-W4M
Client Asset #	150	Asset Location	05-07-44-17-W4M
Asset Type	Screw	Recipient Location	
Latitude	52.776018	Elevation - fasl	2345.8
Longitude	-112.4683691	Time Zone	America/Edmonton
Area	CBM East	Field	Rosalind
Foreman	Scott Schell		
Operator		Province/State	Alberta
Packager Name	Concept	Package Serial #	100224
Package Manufacturer Date			
Noise Suppression Installed		Asset Sound Level (dB)	0
Noise Suppression Description			
Cost Center Code	4270052		
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	11/9/2012	Setup Fee	Setup Fee # 1
		Enalysis Fee	Enalysis Fee # 1
Active Status	Surplus	Using Maintenance	Yes
Surplus Condition	Unknown		
Stand-by	No	Using SCADA	Yes
Remote Asset ID	150		
Reason Unit is not Operating	Surplus as per D.Laye April 2016 - BN		

Gas Analysis 150 - Rosalind 05-07-44-17-W4M			
Stream Name	Inlet Stream	Fuel Gas	
Stream Type	Inlet Stream	Fuel Gas	
Sample Date	01/29/2013	01/29/2013	
Hydrogen	0.0000	0.0000	
Helium	0.0005	0.0005	
Nitrogen	0.0309	0.0309	
Carbon Dioxide	0.0064	0.0064	
Hydrogen Sulfide	0.0000	0.0000	
Methane	0.9294	0.9294	
Ethane	0.0192	0.0192	
Propane	0.0068	0.0068	
ISO Butane	0.0017	0.0017	
Normal Butane	0.0023	0.0023	
ISO Pentane	0.0008	0.0008	
Normal Pentane	0.0007	0.0007	
Hexane	0.0006	0.0006	
Heptane	0.0007	0.0007	
Octane	0.0000	0.0000	
Oxygen	0.0000	0.0000	
Ammonia	0.0000	0.0000	
Water	0.0000	0.0000	
Pseudo Critical Temperature Adjustment	1.24	1.24	
Specific Gravity	0.601	0.601	
Dehydrated Gas	Yes	Yes	
Temperature Base - ^{O}F	60	60	
Pressure Base - psia	14.696	14.696	

Driver Setup 150 - Rosalind 05-07-44-17-W4M			
Manufacturer	Arrow	Model	VRG330
Serial Number	C-1864.H0	Asset Tracking Number	
Driver Type	NA	Engine Manufacturer Date	
Engine Configuration	Inline	Number of Cylinders	6
Compression Ratio	8		
Rated rpm	1800	Min rpm	800
Max Horsepower @Sea Level	63	Max Derated Horsepower	62.99
Min Horsepower @Sea Level	50	Min Derated Horsepower	49.99
Fuel Requirements - Btu/HPhr	8000.99	Inlet Stream LHV - Btu/cft	915.81
Engine Timing - BTDC °	10	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	11.6	Max Engine CO - g/bhp-hr	14.6
Max Engine CO2 - g/bhp-hr	0	Overall Exhaust dB @ 1.5m	100.99
Water Pump - HP	1.26	Other Auxiliary Draw - HP	0
Max Top End Overhaul Hours	16000	Max BTTM End Overhaul Hours	32000
Max Oil Change Hours	1250	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	No		
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 150 - Rosalind 05-07-44-17-W4M									
Pressure - psig	High	High	Low	Low	Temperature - ^{O}F	High	High	Low	Low
Oil Header	60	50	40	12	Oil Header	220	200	160	130
Jacket	8.7	7	5	4	Jacket	210	200	190	180
Fuel Gas	12	10	5	3	Fuel Gas	140	120	70	50
Intercooler					Intercooler				
Intake Manifold	2	0	-2	-3	Intake Manifold	115	95	75	55
					Exhaust Manifold	1550	1450	1350	1250
					Aux. Water	210	200	190	180
					Cylinder Deviation	75			

Frame Setup 150 - Rosalind 05-07-44-17-W4M			
Manufacturer	Sullair	Model	PDX 12
Frame Type	Helical	Profile	Asymmetric
Serial Number	200601310067	Asset Tracking Number	
Manufacturer Date Frame			
Male Rotor Diameter (m)	0.1275	Vi Setting Type	Fixed
Male Rotor Length (m)	0.21675	Vi Setting Low	
Gap Size (inches)	0.003	Vi Setting Medium	
Max Frame Discharge Temperature (^{o}F)	250	Vi Setting High	
Max Suction Pressure (psig)	100	Vi Setting Fixed	2.6
Max Discharge Pressure (psig)	350	Vi Theory	Vi is Fixed
Max Compressor Speed (rpm)	5500	Configuration (Male x Female)	4 x 6
Max Compressor Overhaul Hours	50000	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		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
2.6	1

Aerial Cooler Setup 150 - Rosalind 05-07-44-17-W4M			
Manufacturer	Fin-X-Corp	Model	FX 36.5
Serial Number	T509.1	Horsepower Draw	2.52
Coolant Type		Rated RPM	0
Blade RPM		Blade Diameter	
Electricity Draw			
Design Pressure MAWP - psig	150	Required Temperature Out - ^{o}F	120
Estimated Pressure Drop - psig	5	Max Design Temperature - ^{o}F	300
# 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 150 - Rosalind 05-07-44-17-W4M	
Set Expected Interval	No

Linked Modules 150 - Rosalind 05-07-44-17-W4M
Links to related asset modules.