

Module Setup    168 - Nevis 06-19-40-22-W4M K210			
Detection Number	168	Asset Name	Nevis 06-19-40-22-W4M K210
Client Asset #	168	Asset Location	06-19-40-22-W4M
Asset Type	Screw	Recipient Location	
Latitude	52.454015	Elevation - fast	2644.4
Longitude	-113.162552	Time Zone	Canada/Mountain
Area	Clive/Bashaw	Field	Nevis
Foreman	Todd Roper		
Operator		Province/State	Alberta
Packager Name	Flexpac Systems	Package Serial #	307
Package Manufacturer Date			
Noise Suppression Installed		Asset Sound Level (dB)	0
Noise Suppression Description			
Cost Center Code	3100469		
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	11/5/2013	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	168		
Reason Unit is not Operating	Set to surplus as per Mark Germsheid Mar 2018 - BN		

Gas Analysis 168 - Nevis 06-19-40-22-W4M K210			
Stream Name	Inlet Str.	Fuel Gas	
Stream Type	Inlet Stream	Fuel Gas	
Sample Date	06/30/2008	06/30/2008	
Hydrogen	0.0000	0.0000	
Helium	0.0002	0.0002	
Nitrogen	0.0110	0.0110	
Carbon Dioxide	0.0008	0.0008	
Hydrogen Sulfide	0.0000	0.0000	
Methane	0.9836	0.9836	
Ethane	0.0039	0.0039	
Propane	0.0004	0.0004	
ISO Butane	0.0001	0.0001	
Normal Butane	0.0000	0.0000	
ISO Pentane	0.0000	0.0000	
Normal Pentane	0.0000	0.0000	
Hexane	0.0000	0.0000	
Heptane	0.0000	0.0000	
Octane	0.0000	0.0000	
Oxygen	0.0000	0.0000	
Ammonia	0.0000	0.0000	
Water	0.0000	0.0000	
Pseudo Critical Temperature Adjustment	0.19	0.19	
Specific Gravity	0.562	0.562	
Dehydrated Gas	No	Yes	
Temperature Base - °F	60	60	
Pressure Base - psia	14.696	14.696	

Driver Setup 168 - Nevis 06-19-40-22-W4M K210			
Manufacturer	TECO	Model	ASHA-PA003
Serial Number	DK.D94030-1	Asset Tracking Number	
Driver Type	Electric	Engine Manufacturer Date	
A-C Motor Type	Induction		
Name Plate Rated rpm	3570	Min rpm	3569
Max Horsepower @Sea Level	500	Max Derated Horsepower	500
Min Horsepower @Sea Level	499	Min Derated Horsepower	499
Name Plate Voltage		Name Plate Current	
Phase	3 Phase	Cycles - HZ	60
System Power Factor		Class and Division	Class I , Div 2
Service Factor	1.15	Nema Efficiency Index	B
Group	GroupC	Motor ID	
Enclosure	TEFC	Ambient Operating Temp - °F	60
Other Auxiliary Draw - HP	0	Max Motor Overhaul Hours	30000
Gear Ratio	1	Compressor rpm @ Rated Driver rpm	3570
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 Setup168 - Nevis 06-19-40-22-W4M K210				
Manufacturer		Mycom	Model	320SU-MX
Frame Type		Helical	Profile	Asymmetric
Serial Number		32512390	Asset Tracking Number	
Manufacturer Date Frame				
Male Rotor Diameter (m)		0.321	Vi Setting Type	Fixed
Male Rotor Length (m)		0.3531	Vi Setting Low	
Gap Size (inches)		0.003	Vi Setting Medium	
Max Frame Discharge Temperature (°F)		230	Vi Setting High	
Max Suction Pressure (psig)		85	Vi Setting Fixed	3.6
Max Discharge Pressure (psig)		313	Vi Theory	Vi is Fixed
Max Compressor Speed (rpm)		3600	Configuration (Male x Female)	4 x 6
Max Compressor Overhaul Hours		60000	Balance Piston Diameter (mm)	94
Minimum Slide Valve Position -%		0	Thrust Bearings Load Rating(lbs)	21581.7
Has Oil Pump		Yes	Oil Viscosity (ISO)	120
Oil Density (LB / FT³)		52	Oil Specific Heat(Btu / LB°F)	0.48
Oil Type		Unknown	Oil Pump HP	0
Max Coalescing Filter Differential (psig)		15	Max Oil Injection Temperature (°F)	170
Max Oil Filter Differential (psig)		10	Max Oil Discharge Temperature (°F)	210
Slide Valve Coefficients		Value	Vi Efficiency Factors	
Constant		0	Vi	Efficiency Factors
SV¹		1	3.6	1
SV²		0		
SV³		0		
SV⁴		0		
SV⁵		0		
SV⁶		0		

Aerial Cooler Setup 168 - Nevis 06-19-40-22-W4M K210			
Manufacturer	Unknown	Model	Unknown
Serial Number	Unknown	Horsepower Draw	0
Coolant Type		Rated RPM	
Blade RPM		Blade Diameter	
Electricity Draw			
Design Pressure MAWP - psig	250	Required Temperature Out - °F	120
Estimated Pressure Drop - psig	5	Max Design Temperature - °F	230
# of Passes/Section		Corrosion Allowance - inches	
# of Tubes/Section		Fouling Factor	
# of Rows		Ambient Air Design Temp - °F	
Tube O.D. - inches		Tube I.D. - inches	
Tube Gauge		Length of Tubes - feet	
Tube Material			

Reporting Compliance 168 - Nevis 06-19-40-22-W4M K210	
Set Expected Interval	No

Linked Modules 168 - Nevis 06-19-40-22-W4M K210	
Links to related asset modules.	