

Module Setup 170 - Nevis 06-19-40-22-W4M K230			
Detection Number	170	Asset Name	Nevis 06-19-40-22-W4M K230
Client Asset #	170	Asset Location	06-19-40-22-W4M
Asset Type	Screw	Recipient Location	
Latitude	52.454015	Elevation - fast	2691
Longitude	-113.162552	Time Zone	Canada/Mountain
Area	Clive/Bashaw	Field	Nevis
Foreman	Todd Roper		
Operator		Province/State	Alberta
Packager Name	Propack	Package Serial #	99405
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
		Analysis Fee	Analysis Fee # 1
Active Status	Surplus	Using Maintenance	Yes
Surplus Condition	Unknown		
Stand-by	No	Using SCADA	Yes
Remote Asset ID	170		
Reason Unit is not Operating	Shut in as per D.Laye Mar 2015		

Gas Analysis 170 - Nevis 06-19-40-22-W4M K230

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

Manufacturer	TECO	Model	AEHA-TK008
Serial Number	LK.D9B022-1	Asset Tracking Number	
Driver Type	Electric	Engine Manufacturer Date	
A-C Motor Type	Induction		
Name Plate Rated rpm	3580	Min rpm	3579
Max Horsepower @Sea Level	400	Max Derated Horsepower	400
Min Horsepower @Sea Level	399	Min Derated Horsepower	399
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	
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	3580
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			

Manufacturer	Sullair	Model	PDR25X
Frame Type	Helical	Profile	Asymmetric
Serial Number	200803310010	Asset Tracking Number	
Manufacturer Date Frame			
Male Rotor Diameter (m)	0.255	Vi Setting Type	Fixed
Male Rotor Length (m)	0.5661	Vi Setting Low	
Gap Size (inches)	0.003	Vi Setting Medium	
Max Frame Discharge Temperature (°F)	235	Vi Setting High	
Max Suction Pressure (psig)	26.5	Vi Setting Fixed	3.6
Max Discharge Pressure (psig)	175	Vi Theory	Vi is Fixed
Max Compressor Speed (rpm)	3745	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	Yes	Oil Viscosity (ISO)	120
Oil Density (LB / FT ³)	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	Efficiency Factors
Constant	0	Vi	3.6
SV ¹	1		1
SV ²	0		
SV ³	0		
SV ⁴	0		
SV ⁵	0		
SV ⁶	0		

Aerial Cooler Setup 170 - Nevis 06-19-40-22-W4M K230

Manufacturer	Propak	Model	Unknown
Serial Number	99405-133	Horsepower Draw	0
Coolant Type		Rated RPM	0
Blade RPM		Blade Diameter	
Electricity Draw			
Design Pressure MAWP - psig	200	Required Temperature Out - °F	120
Estimated Pressure Drop - psig	5	Max Design Temperature - °F	300
# 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 170 - Nevis 06-19-40-22-W4M K230

Set Expected Interval	No
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Linked Modules 170 - Nevis 06-19-40-22-W4M K230

Links to related asset modules.



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