

Module Setup 1175 - Nevis 03-01-40-21-W4M			
Detection Number	1175	Asset Name	Nevis 03-01-40-21-W4M
Client Asset #	1175	Asset Location	03-01-40-21-W4M
Asset Type	Recip	Recipient Location	
Latitude	52.4067229	Elevation - fast	2677.2
Longitude	-112.8990769	Time Zone	America/Edmonton
Area	CBM East	Field	Smaller HP Machinery Using Maintenance Module
Foreman	Scott Schell		
Operator		Province/State	Alberta
Packager Name	Gas Pro	Package Serial #	07-06-93
Package Manufacturer Date			
Noise Suppression Installed		Asset Sound Level (dB)	0
Noise Suppression Description			
Cost Center Code	2200254		
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	6/3/2015	Setup Fee	Setup Fee # 2
		Analysis Fee	Analysis 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	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 - °F	60	Pressure Base - psia	14.696
Stream Name	Generic Inlet Stream	Stream Type	Inlet Stream
Dehydrated Gas	Yes	Sample Date	06/03/2015
Sort Order	1		
Date of Entry	6/3/2015		

Driver Setup 1175 - Nevis 03-01-40-21-W4M

Manufacturer	Nissan	Model	H25
Serial Number	K615264	Asset Tracking Number	
Driver Type	NA	Engine Manufacturer Date	
Engine Configuration	Inline	Number of Cylinders	4
Compression Ratio	10.99		
Rated rpm	2100	Min rpm	2099
Max Horsepower @Sea Level	40	Max Derated Horsepower	40
Min Horsepower @Sea Level	39	Min Derated Horsepower	39
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 - °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	0.8	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 - °F	60
Gear Ratio	1	Compressor rpm @ Rated Driver rpm	2100
Intake Valve Recession Limit	0	Exhaust Valve Recession Limit	0
Valves per Cylinder	2	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 1175 - Nevis 03-01-40-21-W4M

Pressure - psig	High	High	Low	Low	Temperature - °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 1175 - Nevis 03-01-40-21-W4M

Manufacturer	Quincy	Model	270PNG
Serial Number	20060318-0031	Asset Tracking Number	
Manufacturer Date Frame		Stroke - inches	1.99
Number of Throws	1	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	39.99
Rated rpm	2100.99	Min rpm	2099.99

Cylinder Setup		1175 - Nevis 03-01-40-21-W4M			
Stage	1				
Throw	1				
Cylinder Model	Unknown				
Dummy Cylinder	No				
Cylinder Serial #					
Cylinder MAWP - psig	0.99				
Lube Status	Lube				
Cylinder Action	DA				
Cylinder Diameter - inches	0.99				
Rod Diameter - inches	0.099				
Tail Rod Diameter - inches	0				
Associated Gas Stream	Not Set				
Orifice Data					
Suct. Internal Pipe Diam. - inches	0				
Suct. Orifice Diam. - inches	0				
Disc. Internal Pipe Diam. - inches	0				
Disc. Orifice Diam. - inches	0				
Cylinder Heating/Cooling Factor		1175 - Nevis 03-01-40-21-W4M			
Heating/Cooling Factor - %	0				
Cylinder Blowby Thresholds		1175 - Nevis 03-01-40-21-W4M			
SA Severe Threshold - %	20				
SA Warning Threshold - %	12				
DA Severe Threshold - %	20				
DA Warning Threshold - %	12				
Deviation Severe Threshold - %	1000				
Deviation Warning Threshold - %	10				

Valve Setup		1175 - Nevis 03-01-40-21-W4M			
Stage	1				
Throw	1				
HE Suction Valve Resist VHDS	4.44				
HE Suction Valve Quantity	1				
HE Suction Valve Lift - inches	0.09				
HE Suction Valve Area - sq. in .	0.099				
HE Discharge Valve Resist VHDS	4.44				
HE Discharge Valve Quantity	1				
HE Discharge Valve Lift - inches	0.09				
HE Discharge Valve Area - sq. in .	0.099				
CE Suction Valve Resist VHDS	4.44				
CE Suction Valve Quantity	1				
CE Suction Valve Lift - inches	0.09				
CE Suction Valve Area - sq. in.	0.099				
CE Discharge Valve Resist VHDS	4.44				
CE Discharge Valve Quantity	1				
CE Discharge Valve Lift - inches	0.09				
CE Discharge Valve Area - sq. in .	0.099				
Suction Valve Manufacturer					
Suction Valve Model					
Suction Valve Type					
Discharge Valve Manufacturer					

Discharge Valve Model						
Discharge Valve Type						

Clearance Setup 1175 - Nevis 03-01-40-21-W4M

Stage	1				
Throw	1				
HE Clearance Min - %	0.99				
HE Clearance Max - %	0.99				
Max Pocket Travel - inches	0				
HE Spacers Max Quantity	0				
HE Clearance per Spacer - %	0				
CE Clearance Min - %	0.99				
CE Clearance Max - %	0.99				
CE Spacers Max Quantity	0				
CE Clearance per Spacer - %	0				

Reciprocating Setup 1175 - Nevis 03-01-40-21-W4M

Stage	1				
Throw	1				
Con. Rod Length - inches	1.99				
1/3 Con Rod Weights - lbs.	0				
Crosshead Pin Weight - lbs.	0				
Piston Weight - lbs.	0				
Rod Weight - lbs.	0				
Crosshead Weight - lbs.	0				
Balance Weight Added - lbs.	0.99				
Total Weight - lbs.	0.99				

Aerial Cooler Setup 1175 - Nevis 03-01-40-21-W4M

Manufacturer	AKG	Model	Unknown			
Serial Number		Horsepower Draw	1.6			
Coolant Type		Rated RPM	0			
Blade RPM		Blade Diameter				
Electricity Draw						
Stage		1				
Design Pressure MAWP - psig		0.99				
Required Temperature Out - °F		120				
Estimated Pressure Drop - psig		5				
Max Design Temperature - °F		0.99				
# 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 - °F						

Design Conditions Setup 1175 - Nevis 03-01-40-21-W4M

Stage		1				
PSV Setting - psig		175				
Max Discharge Valve Temp - °F		299.99				
Piping/Bottles Max Temp - °F		299.99				
Discharge Piping/Bottles MAWP - psig						

Reporting Compliance 1175 - Nevis 03-01-40-21-W4M

Set Expected Interval		No
-----------------------	--	----

Linked Modules 1175 - Nevis 03-01-40-21-W4M

Links to related asset modules.

