

Module Setup 1025 - Clive 02-15-40-24-W4M			
Detection Number	1025	Asset Name	Clive 02-15-40-24-W4M
Client Asset #	1025	Asset Location	02-15-40-24-W4M
Asset Type	Recip	Recipient Location	
Latitude	52.435916	Elevation - fast	2942.9
Longitude	-113.3725099	Time Zone	America/Edmonton
Area	Clive/Bashaw	Field	Clive
Foreman	Todd Roper		
Operator		Province/State	Alberta
Packager Name		Package Serial #	
Package Manufacturer Date			
Noise Suppression Installed		Asset Sound Level (dB)	0
Noise Suppression Description			
Cost Center Code	2500036		
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	10/25/2012	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	1025		
Reason Unit is not Operating			

Gas Analysis 1025 - Clive 02-15-40-24-W4M

Stream Name	Inlet Str.	Fuel Gas
Stream Type	Inlet Stream	Fuel Gas
Sample Date	11/25/2011	11/25/2011
Hydrogen	0.0000	0.0000
Helium	0.0001	0.0001
Nitrogen	0.0094	0.0094
Carbon Dioxide	0.0015	0.0015
Hydrogen Sulfide	0.0000	0.0000
Methane	0.9836	0.9836
Ethane	0.0045	0.0045
Propane	0.0005	0.0005
ISO Butane	0.0001	0.0001
Normal Butane	0.0001	0.0001
ISO Pentane	0.0001	0.0001
Normal Pentane	0.0001	0.0001
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	0.34	0.34
Specific Gravity	0.563	0.563
Dehydrated Gas	No	Yes
Temperature Base - °F	60	60
Pressure Base - psia	14.696	14.696

Driver Setup 1025 - Clive 02-15-40-24-W4M

Manufacturer	Waukesha	Model	F3521GSI
Serial Number	387771	Asset Tracking Number	
Driver Type	Turbo	Engine Manufacturer Date	
Engine Configuration	Inline	Number of Cylinders	6
Compression Ratio	8		
Rated rpm	1200	Min rpm	700
Max Horsepower @Sea Level	738	Max Derated Horsepower	738
Min Horsepower @Sea Level	431	Min Derated Horsepower	431
Fuel Requirements - Btu/HPhr	7864	Inlet Stream LHV - Btu/cft	904.27
Engine Timing - BTDC °	24	Air / Fuel Ratio	10.2
Max Boost - psig	3.5	Max Engine Exhaust Temp - °F	1135
Exhaust Flow - cfm	3519	Exhaust O2 %	1.35
Max Engine NOx - g/bhp-hr	22	Max Engine CO - g/bhp-hr	1.5
Max Engine CO2 - g/bhp-hr	458.52	Overall Exhaust dB @ 1.5m	121
Water Pump - HP	12.3	Other Auxiliary Draw - HP	0
Max Top End Overhaul Hours	30000	Max BTTM End Overhaul Hours	60000
Max Oil Change Hours	2000	Ambient Operating Temp - °F	60
Gear Ratio	1	Compressor rpm @ Rated Driver rpm	1200
Intake Valve Recession Limit	0.06	Exhaust Valve Recession Limit	0.06
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 1025 - Clive 02-15-40-24-W4M

Pressure - psig	High	High	Low	Low	Temperature - °F	High	High	Low	Low
Oil Header	75	63	35	30	Oil Header	205	195	170	140
Jacket	21.7	18	7	2.5	Jacket	200	190	170	150
Fuel Gas	65	60	40	30	Fuel Gas	140	130	-10	-20
Intercooler	21.7	18	7	2.5	Intercooler	150	137	124	110
Intake Manifold	5.9	5	4	3	Intake Manifold	160	155	130	110
					Exhaust Manifold	1245	1185	1085	975
					Aux. Water	140	130	120	100
					Cylinder Deviation	75			

Frame Setup 1025 - Clive 02-15-40-24-W4M

Manufacturer	Ingersoll-Rand	Model	6HOS
Serial Number	YRH136C	Asset Tracking Number	
Manufacturer Date Frame		Stroke - inches	6
Number of Throws	2	Number of Stages	2
Unloader Type	None		
Rod Load Type	External		
Max Compression - lbs	60000	Max Tension - lbs	60000
Total Max Rod Load - lbs	0		
Dynamic Max Compression - lbs	60000	Dynamic Max Tension - lbs	60000
Max Overhaul Hours	25000	Max Horsepower	2000
Rated rpm	1200	Min rpm	600

Cylinder Setup		1025 - Clive 02-15-40-24-W4M			
Stage	1	2			
Throw	2	1			
Cylinder Model	HOS	HOS			
Dummy Cylinder	No	No			
Cylinder Serial #	Y6H461-C	Y6H200-C			
Cylinder MAWP - psig	644	1595			
Lube Status	Lube	Lube			
Cylinder Action	DA	DA			
Cylinder Diameter - inches	13	8			
Rod Diameter - inches	2.5	2.5			
Tail Rod Diameter - inches	0	0			
Associated Gas Stream	Inlet Str.	Inlet Str.			
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		1025 - Clive 02-15-40-24-W4M			
Heating/Cooling Factor - %	0	0			
Cylinder Blowby Thresholds		1025 - Clive 02-15-40-24-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		1025 - Clive 02-15-40-24-W4M			
Stage	1	2			
Throw	2	1			
HE Suction Valve Resist VHDS	4.44	4.44			
HE Suction Valve Quantity	2	1			
HE Suction Valve Lift - inches	0.08	0.08			
HE Suction Valve Area - sq. in .	5.25	4.4			
HE Discharge Valve Resist VHDS	4.44	4.44			
HE Discharge Valve Quantity	2	1			
HE Discharge Valve Lift - inches	0.08	0.08			
HE Discharge Valve Area - sq. in .	5.25	4.4			
CE Suction Valve Resist VHDS	4.44	4.44			
CE Suction Valve Quantity	2	1			
CE Suction Valve Lift - inches	0.08	0.08			
CE Suction Valve Area - sq. in.	5.25	4.4			
CE Discharge Valve Resist VHDS	4.44	4.44			
CE Discharge Valve Quantity	2	1			
CE Discharge Valve Lift - inches	0.08	0.08			
CE Discharge Valve Area - sq. in .	5.25	4.4			
Suction Valve Manufacturer					
Suction Valve Model					
Suction Valve Type					
Discharge Valve Manufacturer					

Discharge Valve Model						
Discharge Valve Type						

Clearance Setup		1025 - Clive 02-15-40-24-W4M			
Stage	1	2			
Throw	2	1			
HE Clearance Min - %	15.4	19			
HE Clearance Max - %	114	114.7			
Max Pocket Travel - inches	10	7.5			
HE Spacers Max Quantity	0	0			
HE Clearance per Spacer - %	0	0			
CE Clearance Min - %	15.2	21.5			
CE Clearance Max - %	15.2	21.5			
CE Spacers Max Quantity	0	0			
CE Clearance per Spacer - %	0	0			

Reciprocating Setup		1025 - Clive 02-15-40-24-W4M			
Stage	1	2			
Throw	2	1			
Con. Rod Length - inches	16	16			
1/3 Con Rod Weights - lbs.	0	0			
Crosshead Pin Weight - lbs.	0	0			
Piston Weight - lbs.	233.4	137			
Rod Weight - lbs.	0	65			
Crosshead Weight - lbs.	0	0			
Balance Weight Added - lbs.	0	31.4			
Total Weight - lbs.	233.4	233.4			

Aerial Cooler Setup 1025 - Clive 02-15-40-24-W4M			
Manufacturer	Smithco Amercool	Model	Unknown
Serial Number	98136D	Horsepower Draw	24.6
Coolant Type		Rated RPM	
Blade RPM		Blade Diameter	
Electricity Draw			

Stage	1	2			
Design Pressure MAWP - psig	655	1315			
Required Temperature Out - °F	120	120			
Estimated Pressure Drop - psig	5	5			
Max Design Temperature - °F	300	300			
# 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 1025 - Clive 02-15-40-24-W4M					
Stage	1	2			
PSV Setting - psig	650	1314.99			
Max Discharge Valve Temp - °F	300	300			
Piping/Bottles Max Temp - °F	300	300			
Discharge Piping/Bottles MAWP - psig					

Reporting Compliance 1025 - Clive 02-15-40-24-W4M	
Set Expected Interval	No

Linked Modules 1025 - Clive 02-15-40-24-W4M
Links to related asset modules.

