

Pump Number 18511	Pump Size CL-6001	Manufacture NASH	Test / Serial Number ?
Equipment Number	Service	Assembly Position 1 2 3 4	Discharge L B R
Pump Rotation CW CCW	Shaft Double Ext Single Ext Coupling Sheave	Motor RPM	Pump Capacity % 95
PUMP RPM Actual Estimated	MOTOR SHEAVE DIAMETER Actual Estimated	PUMP SHEAVE DIAMETER Actual Estimated	

Observations and Recommendations

The bearings should be checked for contamination	The bearings shows signs of being over greased	The packing shows signs of excessive leakage and should be checked	The packing area drip wells are full of contaminants and should be cleaned out	The shroud relief check valves should be checked for proper operation
The lobe purge should be checked for proper operation	The pump base has extreme deterioration and should be changed out	The inlet / discharge boot shows signs of leakage and should be checked	The oil level in the sight glass is low and needs to be filled	This pump is low in capacity and should be changed out

More / No pictures are not required at this time due to the small amount of wear that is present in this pump.

Disk #	Picture #	This picture shows that the body on the DE IE is		
S/S	S/S clad	Cast iron	And is in good	fair bad
S/S clad shroud	with an epoxy coating		condition	
With no some	extremely heavy wear	With some	heavy heavy	pitting scallops buildup

Disk #	Picture #	This picture shows that the rotor to body / head clearance on the DE IE is		
Close	extremely wider	Standard	And the rotor shroud is cast iron	s/s clad
And is in good fair	bad	Condition	With the wear extending on to the rotor buckets	

Disk #	Picture #	This picture shows that the rotor to cone / port plate clearance on the DE IE is		
Close	extremely wider Standard.	The rotor taper is cast iron	s/s	welded
And is straight an square	slightly irregular	With heavy pitting	heavy grooves and buildup	some
The cone is cast iron	s/s s/s clad	And is in good	fair bad	condition
With heavy pitting and heavy grooves	and the inlet porting is approximately 0 % blocked with build up			

Disk #	Picture #	This picture shows that the body on the DE IE is		
S/S	S/S clad	Cast iron	And is in good	fair bad
S/S clad shroud	with an epoxy coating		condition	
With no some	extremely heavy wear	With some	heavy heavy	pitting scallops buildup

Disk #	Picture #	This picture shows that the rotor to body / head clearance on the DE IE is		
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Close	extremely wider Standard.	The rotor taper is cast iron	s/s	welded
And is straight an square	slightly irregular	With heavy pitting	heavy grooves and buildup	some
The cone is cast iron	s/s s/s clad	And is in good	fair bad	condition
With heavy pitting and heavy grooves	and the inlet porting is approximately 0 % blocked with build up			

Other Observations and Recommendations

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