

## **OIL ANALYSIS REPORT**

Sample Rating Trend



### Area Cranes 15196-HTC 50

Swing Drive Gear Case Fluid GEAR OIL LS 80W90 (--- GAL)

#### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL LS 80W90. Please confirm.

#### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

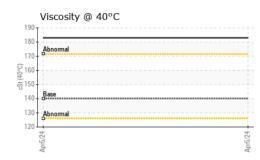
#### Fluid Condition

The condition of the oil is acceptable for the time in service.

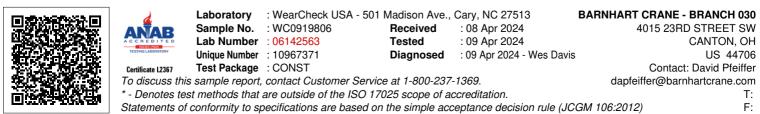
Sample Date      Client Info      05 Apr 2024          Vachine Age      hrs      Client Info      6489          Dil Age      hrs      Client Info      0          Sample Status      Client Info      N/A          CONTAMINATION      method      limit/base      current      history1      history2        Water      WC Method      >0.2      NEG          WEAR METALS      method      limit/base      current      history1      history2        ron      ppm      ASTM D5185m      >200      55          Silver      ppm      ASTM D5185m      >10      0          Silver      ppm      ASTM D5185m      0      0          Copper      ppm      ASTM D5185m      0           Clamium      ppm      ASTM D5185m      0           Copper      ppm	SAMPLE INFORI	MATION	method	limit/base	current	history1	history2	
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Odor  scalar  *Visual  NORML  NORML     Emulsified Water  scalar  *Visual  >0.2  NEG	Sand/Dirt	scalar	*Visual	NONE	NONE			
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Emulsified Water scalar *Visual >0.2 NEG	Odor	scalar	*Visual	NORML	NORML			
Free Water scalar *Visual NEG	Emulsified Water			>0.2				
	Free Water	scalar	*Visual		NEG			



# **OIL ANALYSIS REPORT**



FLUID PROPERT	TIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	140	183		
SAMPLE IMAGES	S	method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image
GRAPHS						
Ferrous Alloys						
iron management chromium						
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Apr5/24			Apr5/24 🚰 -			
			Apr5			
Non-ferrous Metal	S					
copper						
7						
5-						
3						
2						
45 		********	/24			
Apr5/24			Apr5/24 .			
Viscosity @ 40°C						
Abnormal						
]+ ]+						
Base						
Abnormal						
Apr5/24			Apr5/24			
			2			



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