

OIL ANALYSIS REPORT

Sample Rating Trend

WATER

#10 CONVERTOR HPU

Hydraulic System Fluid NOT GIVEN (--- GAL)

DIAGNOSIS

Recommendation

Little or no information is provided as to the component and lubricant being tested. Recommendations are therefore generic in nature and may not apply to the current application. Please forward information as to equipment type, reservoir capacity, lubricant type and any pertinent information to allow for a more accurate assessment. We advise that you check for the source of water entry. Check seals and/or filters for points of contaminant entry. We recommend either performing an oil change or oil filtration. We cannot recommend specific action as we have limited information with regards to reservoir capacity and/or lubricant type. We recommend an early resample to monitor this condition. Please specify the component make and model with your next sample. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please specify the brand, type, and viscosity of the oil on your next sample. Please provide more complete information on your next sample.

Wear

All component wear rates are normal.

Contamination

There is a high concentration of water present in the oil.

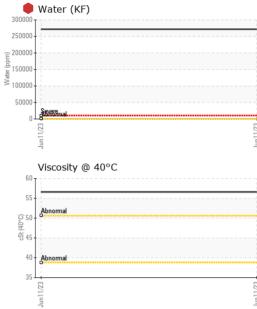
Fluid Condition

The oil is no longer serviceable due to the presence of contaminants.

SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		wc		
Sample Date		Client Info		11 Jun 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				SEVERE		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>20	<1		
Chromium	ppm	ASTM D5185(m)	>10	0		
Nickel	ppm	ASTM D5185(m)	>10	<1		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)	>10	0		
Lead	ppm	ASTM D5185(m)	>20	<1		
Copper	ppm	ASTM D5185(m)	>20	4		
Tin	ppm	ASTM D5185(m)	>10	0		
Antimony	ppm	ASTM D5185(m)		0		
Vanadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		<1		
Barium	ppm	ASTM D5185(m)		0		
Molybdenum	ppm	ASTM D5185(m)		0		
Manganese	ppm	ASTM D5185(m)		0		
Magnesium	ppm	ASTM D5185(m)		0		
Calcium	ppm	ASTM D5185(m)		0		
Phosphorus	ppm	ASTM D5185(m)		5		
Zinc	ppm	ASTM D5185(m)		14		
Sulfur	ppm	ASTM D5185(m)		28		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>15	<1		
Sodium	ppm	ASTM D5185(m)		0		
Potassium	ppm	ASTM D5185(m)	>20	<1		
Water	%	ASTM D6304*	>0.05	e 27.17		
ppm Water	ppm	ASTM D6304*	>500	e 271746.8		



OIL ANALYSIS REPORT



	VISUAL		method	limit/base	current	history1	history2
	White Metal	scalar	Visual*	NONE	NONE		
	Yellow Metal	scalar	Visual*	NONE	NONE		
	Precipitate	scalar	Visual*	NONE	NONE		
	Silt	scalar	Visual*	NONE	NONE		
	Debris	scalar	Visual*	NONE	NONE		
	Sand/Dirt	scalar	Visual*	NONE	NONE		
Jun 11/23	Appearance	scalar	Visual*	NORML	NORML		
Lin P	Odor	scalar	Visual*	NORML	NORML		
	Emulsified Water	scalar	Visual*	>0.05	• 1%		
	Free Water	scalar	Visual*		NEG		
	FLUID PROPERT	IES	method	limit/base	current	history1	history2
	Visc @ 40°C	cSt	ASTM D7279(m)		56.6		
	SAMPLE IMAGES		method	limit/base	current	history1	history2
23	Color		method			no image	no image
2/1 1/m/L							
	Bottom					no image	no image
Ę	Non-ferrous Metals	5		Junt 1/23			
	6 + 2 - 0 C2/11unp			Jun11/23			
	Viscosity @ 40°C						
	40 - Abnormal						
	35						
	Jun 11/23			Jun 11/23			
Sample No. Iso 17025:2017 Accredited Laboratory Unique Number	: WearCheck - C8-117 : WC F : 02563509 C : 5592550 C : TEST (Additional Te contact Customer Servic of accreditation, (m) me	Received Diagnost Diagnost ests: ICP ce at 1-8 ethod mo	l : 12 . ed : 13 . ician : Kev , KF, KV40, 3 00-268-2131 odified, (e) te	ington, ON Jun 2023 Jun 2023 rin Marson Spat) sted at exte	COPPER CL a rnal lab.	IFF SMELTER WAREHC COPP Contact: And Indrew.kozacha T:	ER CLIFF, ON CA P0M 1N0 ly Kozachanko

Report Id: INCOCCSMR [WCAMIS] 02563509 (Generated: 11/22/2023 09:58:49) Rev: 1

6

Contact/Location: Andy Kozachanko - INCOCCSMR