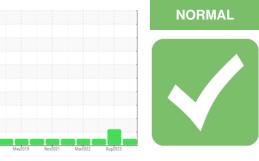


OIL ANALYSIS REPORT

SAMPLE INFORMATION method

Sample Rating Trend



Machine Id

GCS-2 EXIT Component Hydraulic System AW HYDRAULIC OIL ISO 46 (--- GAL)

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil.

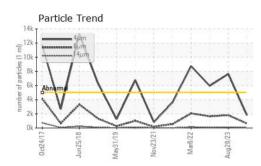
Fluid Condition

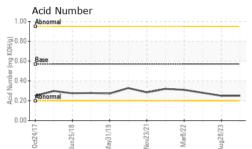
Confirm oil type. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

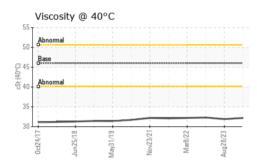
SAMPLE INFORM	ΙΑΠΟΝ	method	limit/base	current	history1	history2		
Sample Number		Client Info		PTK0005300	PTK0004428	PTK0003600		
Sample Date		Client Info		01 May 2024	28 Aug 2023	19 Sep 2022		
Machine Age	hrs	Client Info		0	0	0		
Oil Age	hrs	Client Info		0	0	0		
Oil Changed		Client Info		N/A	N/A	N/A		
Sample Status				NORMAL	ATTENTION	NORMAL		
CONTAMINATION	N	method	limit/base	current	history1	history2		
Water	N	WC Method	>0.1		NEG	NEG		
				NEG	-	-		
WEAR METALS		method	limit/base	current	history1	history2		
Iron	ppm	ASTM D5185m		0	<1	<1		
Chromium	ppm	ASTM D5185m		0	0	0		
Nickel	ppm	ASTM D5185m	>10	0	0	0		
Titanium	ppm	ASTM D5185m		0	0	0		
Silver	ppm	ASTM D5185m		0	0	0		
Aluminum	ppm	ASTM D5185m		0	0	0		
Lead	ppm	ASTM D5185m	>10	0	0	0		
Copper	ppm	ASTM D5185m	>75	5	3	3		
Tin	ppm	ASTM D5185m	>10	0	0	0		
Vanadium	ppm	ASTM D5185m		0	0	0		
Cadmium	ppm	ASTM D5185m		0	0	0		
ADDITIVES		method	limit/base	current	history1	history2		
Boron	ppm	ASTM D5185m	5	0	0	0		
Barium	ppm	ASTM D5185m	5	0	6	0		
Molybdenum	ppm	ASTM D5185m	5	<1	0	<1		
Manganese	ppm	ASTM D5185m		0	0	0		
Magnesium	ppm	ASTM D5185m	25	<1	5	0		
Calcium	ppm	ASTM D5185m	200	69	63	60		
Phosphorus	ppm	ASTM D5185m	300	330	341	308		
Zinc	ppm	ASTM D5185m	370	393	417	372		
Sulfur	ppm	ASTM D5185m	2500	949	996	932		
CONTAMINANTS		method	limit/base		history1	history2		
Silicon	ppm	ASTM D5185m	>20	<1	0	<1		
Sodium	ppm	ASTM D5185m		2	0	<1		
Potassium	ppm	ASTM D5185m	>20	0	0	0		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2		
Particles >4µm		ASTM D7647	>5000	1796	7639	5946		
Particles >6µm		ASTM D7647	>1300	625	1808	1644		
Particles >14µm		ASTM D7647	>160	55	118	68		
Particles >21µm		ASTM D7647		8	36	12		
Particles >38µm		ASTM D7647	>10	0	1	0		
Particles >71µm		ASTM D7647		0	0	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	18/16/13	20/18/14	20/18/13		
FLUID DEGRADA		method	limit/base	current	history1	history2		
Acid Number (AN)	mg KOH/g	ASTM D8045	0.57	0.25	0.25	0.28		
2:56:48) Rev: 1				:	Submitted By: AUSTIN GOUGH			

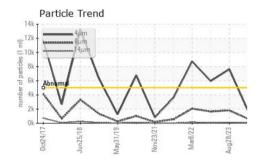


OIL ANALYSIS REPORT

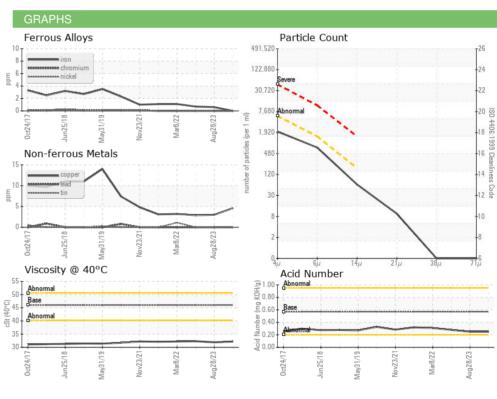


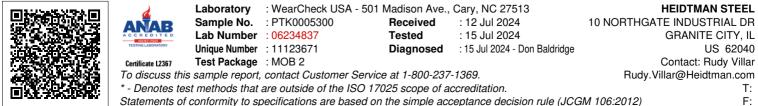






VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	32.2	31.9	32.3
SAMPLE IMAGES	3	method	limit/base	current	history1	history2
Color						
Bottom						





Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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