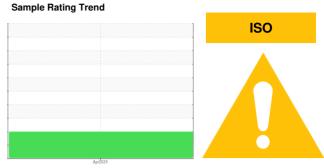


OIL ANALYSIS REPORT

LCAC-81 **Icac-81 SCAV FAN STBD AFT**

Aft Hydraulic System

MILITARY MIL-L-23699D (--- GAL)



DIAGNOSIS

Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor. Please note that this is a corrected copy for diagnostic comment updates. Please note that this is a corrected copy for diagnostic comment updates.

Wear

All component wear rates are normal.

Contamination

There is a high amount of particulates present in the oil. Discrete particle counts [100 ml] 5-15µm = $286400, 15-25\mu m = 19200, 25-50\mu m = 7300,$ $50-100\mu m = 500$, $>100\mu m = 0$. Class 10

Fluid Condition

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

				Apr2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0865212		
Sample Date		Client Info		05 Apr 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				ABNORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	<1		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>20	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>20	<1		
Lead	ppm	ASTM D5185m	>20	0		
Copper	ppm	ASTM D5185m	>20	1		
Tin	ppm	ASTM D5185m	>20	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		2		
Calcium	ppm	ASTM D5185m		2		
Phosphorus	ppm	ASTM D5185m		1493		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		4		
				-		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	<1		
Water	%	ASTM D6304	>0.05	NEG		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	<u> </u>		
Particles >6µm		ASTM D7647	>1300	<u> </u>		
Particles >14μm		ASTM D7647	>160	<u>^</u> 270		
Particles >21µm		ASTM D7647	>40	<u>^</u> 78		
Particles >38μm		ASTM D7647	>10	5		
Particles >71μm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<u>^</u> 20/19/15		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2

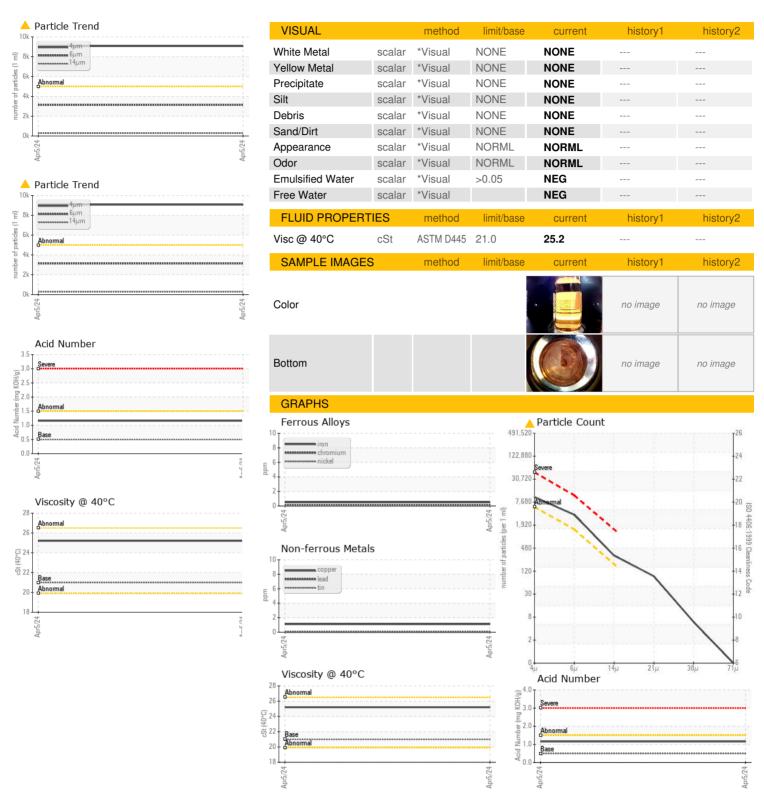
Acid Number (AN)

mg KOH/g ASTM D8045 0.5

1.16



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

: WC0865212 Lab Number : 06148633 Unique Number : 10978711

Test Package : PLANT

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 15 Apr 2024 **Tested** : 18 Apr 2024 Diagnosed

: 24 Apr 2024 - Angela Borella

WALASHEK INDUSTRIAL & MARINE INC 1428 MCKINLEY AVE

NATIONAL CITY, CA US 91950 Contact: BOB CLAGETT

bobclagett@walashek.com T:

To discuss this sample report, contact Customer Service at 1-800-237-1369. st - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

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

F: