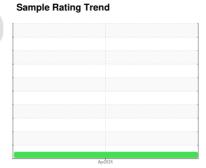


OIL ANALYSIS REPORT



NORMAL



IPC 16689
Component
Gearbox 7 460 (--- GAL)

Area [217061]

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

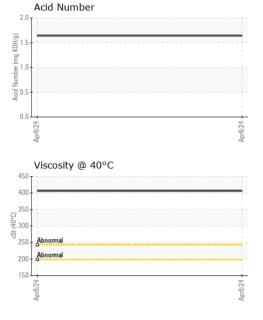
Fluid Condition

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

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC06154606		
Sample Date		Client Info		08 Apr 2024		
Machine Age	hrs	Client Info		2361		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATION	٧	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	<1		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	0		
Lead	ppm	ASTM D5185m	>50	<1		
Copper	ppm	ASTM D5185m	>200	<1		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		<1		
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		0		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		442		
Zinc	ppm	ASTM D5185m		<1		
Sulfur	ppm	ASTM D5185m		18237		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	<1		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID DEGRADA	TION _	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		1.64		



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		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.2	NEG		
Free Water	scalar	*Visual		NEG		
FLUID PROPERT	IFS	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	mmodoc	406		
			limit/bass		historyt	hiotom ()
SAMPLE IMAGES	>	method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image
GRAPHS						
Iron (ppm)				Lead (ppm)		
Severe			20	Severe		
400 Abnormal			튎10	Abnormal		
0				0		
Apr8/24			Apr8/24	Apr8/24		Apr8/24
Aluminum (ppm)				Chromium (p	pm)	
100 Severe	30 Severe					
En T	Abnormal Abnormal					
O Abnormal				0		
Apr8/24 -			Apr8/24 .	Apr8/24 -		Apr8/24 -
Copper (ppm)			∢	≺ Silicon (ppm)		A
Severe			15	0		
400 Abnormal			E 10	Abnormal		
Apr8/24			Apr8/24	Apr8/24		Apr8/24
₹ Viscosity @ 40°C						Apr
600 T			XHOX BL	0		
400 - Abnomal			S/24 Acid Number (mg KOH/g)	0		
0 1			24 + 2	24+0		- 54
Apr8/2 ⁴			Apr8/24 Acid	Apr8/2 ⁴		Apr8/24





Sample No. Unique Number : 10990029

: WC06154606 Lab Number : 06154606

Test Package : MOB 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 19 Apr 2024 **Tested** : 22 Apr 2024

Diagnosed

: 23 Apr 2024 - Don Baldridge

Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - 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)

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