

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

34 MAIN 16735

Gearbox Fluid {not provided} (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

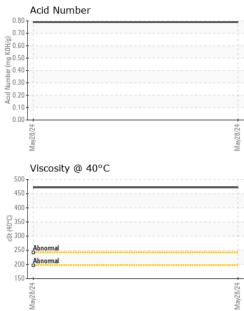
Viscosity of sample indicates oil is within ISO 460 range, advise investigate. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC06203484		
Sample Date		Client Info		28 May 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATION		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	2		
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	0		
Copper	ppm	ASTM D5185m	>200	0		
Tin	ppm	ASTM D5185m	>10	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		<1		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		241		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		9196		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	<1		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.79		



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VISUAL



	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		
8/24 -	Appearance	scalar	*Visual	NORML	NORML		
May28/24	Odor	scalar	*Visual	NORML	NORML		
_	Emulsified Water	scalar	*Visual	>0.2	NEG		
	Free Water	scalar	*Visual		NEG		
	FLUID PROPER	TIES	method	limit/base	current	history1	history2
	Visc @ 40°C	cSt	ASTM D445		472		
	SAMPLE IMAGE	S	method	limit/base	current	history1	history2
24 +	Color				no image	no image	no image
May28/24	0000				no image	no inage	no image
W							
	Bottom				no image	no image	no image
						_	
	CDADUC						
	GRAPHS				Lood (mmm)		
	Iron (ppm)			20	Lead (ppm)		
	0				Severe		
	400 - Gevere 200 - Abnormal			튭 10	Abnormal		
	54 54				0		
	May28/24			May28/24	May28/24		
				W			2
	Aluminum (ppm)			3	Chromium (p	hiu)	
	Severe						
	E 50 Abnormal			<u>ل</u> 1	0 - Abnormal		
	0						
	May28/24			May28/24	May28/24		0
				Ma			2
	Copper (ppm)				Silicon (ppm)		
	0				0 Severe		
	400 - Abnormal			¹⁰ ط 5	0 - Abnormal		
	0			*			
	May28/24			May28/24	May28/24		2 2 2
							:
	Viscosity @ 40°C			IB/HO: 10	Acid Number		
				/24 0.00 (mg KOH/g)			
	(ට_ 400 65) දු 200 - ජීහාහාකය			a 0.5	U		
	0						
	May28/24			May28/24 Aci	May28/24		
	M			Mi	Ma		2
Laboratory Sample No. Lab Number Unique Number Test Package	: WearCheck USA - 50 : WC06203484 : <mark>06203484</mark> : 11070945	Rece Teste Diagr	ived : 07 ed : 12 nosed : 12	r, NC 27513 7 Jun 2024 2 Jun 2024 Jun 2024 - Ang		F Contact:	R Incorporate P.O. Box 1956 Atlanta, G US 3032 JOHN STEE d@momar.co

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Contact/Location: JOHN STEED - MOMATL