

OIL ANALYSIS REPORT

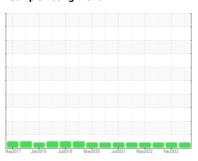
Sample Rating Trend

VISCOSITY



Gearbox

GEAR OIL ISO 220 (--- QTS)





Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

The water content is negligible. There is no indication of any contamination in the oil.

▲ Fluid Condition

The oil viscosity is higher than normal. Confirm oil type. The AN level is acceptable for this fluid.

SAMPLE INFORM	1 A T I O N	on a bloomly	Discoult floor		la la tarre d	la la la ma
	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		RP0038452	RP0031263	RP0029821
Sample Date		Client Info		12 Jan 2024	24 Feb 2023	24 Oct 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				ATTENTION	ATTENTION	ATTENTION
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		12	16	6
Iron	ppm	ASTM D5185m	>200	0	1	0
Chromium	ppm	ASTM D5185m	>15	0	0	0
Nickel	ppm	ASTM D5185m	>15	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	<1	<1	0
Lead	ppm	ASTM D5185m	>100	0	<1	0
Copper	ppm	ASTM D5185m	>200	1	<1	<1
Tin	ppm	ASTM D5185m	>25	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	50	13	26	21
Barium	ppm	ASTM D5185m	15	0	0	0
Molybdenum	ppm	ASTM D5185m	15	0	2	<1
Manganese	ppm	ASTM D5185m		<1	0	0
Magnesium	ppm	ASTM D5185m	50	2	6	3
Calcium	ppm	ASTM D5185m	50	7	28	8
Phosphorus	ppm	ASTM D5185m	350	206	223	203
Zinc	ppm	ASTM D5185m	100	9	45	10
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	2	4	1
Sodium	ppm	ASTM D5185m		0	0	0
	n n m	ASTM D5185m	>20	0	<1	<1
Potassium	ppm	710 THI DO 100111				
Potassium Water	%	ASTM D6304	>0.2	0.011	0.020	0.021
			>0.2 >2000	0.011 111	0.020 201.5	0.021 215.0
Water	% ppm	ASTM D6304				



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Laboratory Sample No. Lab Number

Unique Number : 10833467 Test Package : IND 2 (Additional Tests: PQ)

: RP0038452 : 06062085

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved

Diagnosed Diagnostician

: 16 Jan 2024 : 18 Jan 2024 : Don Baldridge

Certificate L2367 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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