

OIL ANALYSIS REPORT

7202 722-RCLR-GBX

Gearbox

GEAR OIL ISO 220 (31 GAL)

Sample Rating Trend **NORMAL**

DIAGNOSIS

Recommendation

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

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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

SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0071520		
Sample Date		Client Info		16 Mar 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	102		
Chromium	ppm	ASTM D5185m	>15	0		
Nickel	ppm	ASTM D5185m	>15	<1		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	2		
Lead	ppm	ASTM D5185m	>100	0		
Copper	ppm	ASTM D5185m	>200	4		
Tin	ppm	ASTM D5185m	>25	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	50	7		
Barium	ppm	ASTM D5185m	15	0		
Molybdenum	ppm	ASTM D5185m	15	1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	50	5		
Calcium	ppm	ASTM D5185m	50	69		
Phosphorus	ppm	ASTM D5185m	350	319		
Zinc	ppm	ASTM D5185m	100	18		
Sulfur	ppm	ASTM D5185m	12500	10695		
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	24		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
	14011:	10T11 D00:-				

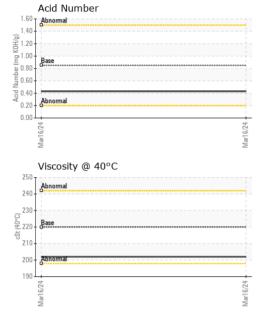
0.43

Acid Number (AN)

mg KOH/g ASTM D8045 0.85



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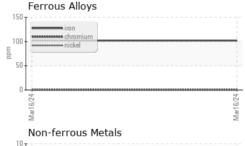


VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	LIGHT		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.2	NEG		
Free Water	scalar	*Visual		NEG		
ELLUD DDODE	DTIES		11 11 11			11.

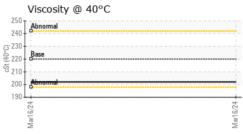
FLUID PROPE	RHES	method			history1	history'2
Visc @ 40°C	cSt	ASTM D445	220	202		

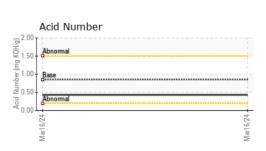
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color		a		no image	no image
Bottom				no image	no image
ODADUO					

GRAPHS













Certificate 12367

Laboratory Sample No.

Test Package : IND 2

Lab Number : 06137572

: PCA0071520 Unique Number : 10957037

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 03 Apr 2024

Tested : 04 Apr 2024 Diagnosed : 04 Apr 2024 - Wes Davis

100 WORTHINGTON DR PORTER, IN US 46304

Contact: ROBERT HARDIN robert.hardin@worthingtonindustries.com

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)

WORTHINGTON INDUSTRIES

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F: