

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

GENCOR BAG MID DUST AUGER

Gearbox

GEAR OIL ISO 220 (5 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL ISO 220. Please confirm.

Please specify the component make and model with your next sample.

Wear

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.

				Mar2024		
SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0087868		
Sample Date		Client Info		04 Mar 2024		
Machine Age	yrs	Client Info		4		
Oil Age	yrs	Client Info		2		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINA	ΓΙΟΝ	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METAI	_S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	73		
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	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	50	42		
Barium	ppm	ASTM D5185m	15	0		
Molybdenum	ppm	ASTM D5185m	15	<1		
Manganese	ppm	ASTM D5185m		1		
Magnesium	ppm	ASTM D5185m	50	14		
Calcium	ppm	ASTM D5185m	50	15		
Phosphorus	ppm	ASTM D5185m	350	271		
Zinc	ppm	ASTM D5185m	100	25		
Sulfur	ppm	ASTM D5185m	12500	6990		
CONTAMINA	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	9		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
A	1/011/	10T11 D0015				

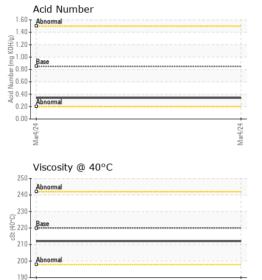
Acid Number (AN)

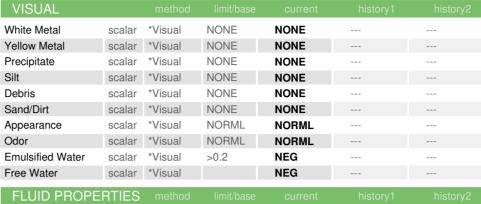
mg KOH/g ASTM D8045 0.85

0.34



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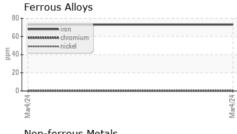


FLUID PROP	EKITES	method	ilmit/base		nistory i	nistoryz
Visc @ 40°C	cSt	ASTM D445	220	212		

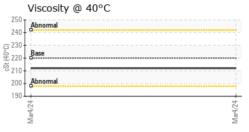
SAIVIF LE IIVIAGES	memou		HISTOLAL	HISTOLYZ
Color			no image	no image
Bottom			no image	no image

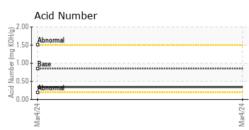
GRAPHS

CAMBLEIMAGE













Certificate 12367

Laboratory Sample No. Lab Number : 06142388

Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : PCA0087868

Unique Number : 10967196

Received **Tested**

: 08 Apr 2024 : 09 Apr 2024

: 09 Apr 2024 - Wes Davis

Diagnosed

US 53963 Contact: DAVE KARTECHNER dave@kartechnerbrothers.com T: (920)324-2874

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) Contact/Location: DAVE KARTECHNER - KARWAU

Report Id: KARWAU [WUSCAR] 06142388 (Generated: 04/09/2024 16:33:39) Rev: 1

KARTECHNERS

WAUPUN, WI

N11829 COUNTY RD I