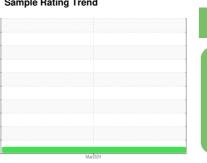


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

GENCOR VIRGIN SCALE

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.

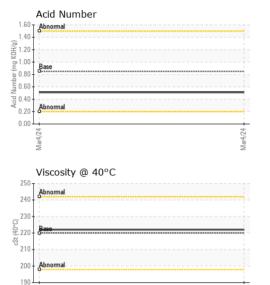
Fluid Condition

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

SAMPLE INFORT	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0087867		
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		
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	6		
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	69		
Barium	ppm	ASTM D5185m	15	0		
Molybdenum	ppm	ASTM D5185m	15	0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	50	<1		
Calcium	ppm	ASTM D5185m	50	0		
Phosphorus	ppm	ASTM D5185m	350	291		
Zinc	ppm	ASTM D5185m	100	0		
Sulfur	ppm	ASTM D5185m	12500	8009		
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	8		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	<1		
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.85	0.51		



OIL ANALYSIS REPORT

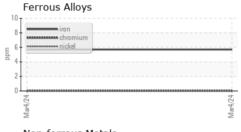


VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	LIGHT		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.2	NEG		
Free Water	scalar	*Visual		NEG		
FLUID PROPEI	RTIES	method	limit/base	current	history1	history2
T LOID I NOI LI		motriou	mme base	- OGH CHI	Thotoly I	motoryz

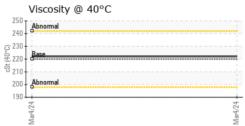
FLUID PROPE	=RIIES	method			history2
Visc @ 40°C	cSt	ASTM D445	220	222	

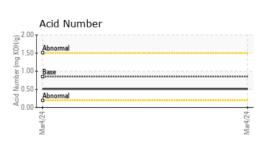
SAMPLE IMAGES	metnoa	ilmit/base	current	nistory i	nistory2
Color				no image	no image
Bottom				no image	no image

GRAPHS



Non-ferr	ous met		
8	opper i		
6 - management til	1		
**			
2			
Mar4/24			Mar4/24
Ma			Ma









Certificate 12367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Lab Number : 06142379

Test Package : IND 2

: PCA0087867 Unique Number : 10967187

Received : 08 Apr 2024 **Tested** : 09 Apr 2024

Diagnosed : 09 Apr 2024 - Wes Davis

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

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

KARTECHNERS

WAUPUN, WI

US 53963

N11829 COUNTY RD I