

OIL ANALYSIS REPORT

[603921114 SR] PETZ 4 MD (S/N 20061628)

Component Gearbox

Sample Rating Trend



Gearbox Iuid							
GEAR OIL ISO 220 (GAL)			x014 Mar015 Cex016 Dex2017 Feb2019 Aug/2020 May2021 Jud0222				
DIAGNOSIS	SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Recommendation	Sample Number		Client Info		WC0605548	WC0605750	WC0605192
Resample at the next service interval to monitor.	Sample Date		Client Info		23 Jun 2023	30 Mar 2023	13 Jan 2023
/ear	Machine Age	mls	Client Info		0	0	0
Il component wear rates are normal.	Oil Age	mls	Client Info		0	0	0
ontamination	Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
here is no indication of any contamination in the I.	Sample Status				NORMAL	NORMAL	NORMAL
	WEAR METALS		method	limit/base	current	history1	history2
Fluid Condition The AN level is acceptable for this fluid. The	Iron	ppm	ASTM D5185m	>200	7	8	8
ondition of the oil is suitable for further service.	Chromium	ppm	ASTM D5185m	>15	0	0	0
condition of the onle culture for further convice.	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	8	8	7
	Lead	ppm	ASTM D5185m	>100	0	0	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	0	0	0
	Barium	ppm	ASTM D5185m	15	0	0	0
	Molybdenum	ppm	ASTM D5185m	15	0	0	0
	Manganese	ppm	ASTM D5185m		0	<1	<1
	Magnesium	ppm	ASTM D5185m	50	1	3	1
	Calcium	ppm	ASTM D5185m	50	122	155	120
	Phosphorus	ppm	ASTM D5185m	350	452	496	485
	Zinc	ppm	ASTM D5185m	100	151	171	162
	Sulfur	ppm	ASTM D5185m	12500	1837	1995	1545
	CONTAMINANTS	3	method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185m	>50	6	6	6
	Sodium	ppm	ASTM D5185m		2	4	4
	Potassium	ppm	ASTM D5185m	>20	2	<1	<1
	FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045	0.85	0.46	0.45	0.40
	VISUAL		method	limit/base	current	history1	history2

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

>0.2

White Metal

Yellow Metal

Precipitate

Silt

Debris

Odor

Sand/Dirt

Appearance

Free Water

Emulsified Water

scalar

scalar

scalar

scalar

scalar

scalar

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NONE

NONE

NONE

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LIGHT

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NORML

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NONE

NONE

NONE

LIGHT

NONE

NORML

NORML

Contact/Location: TONY FIORE - MARSCHI

NEG

NEG

MODER

NONE

NONE

NONE

NONE

NONE

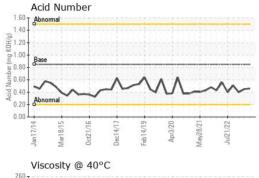
NORML

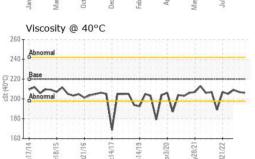
NORML

NEG

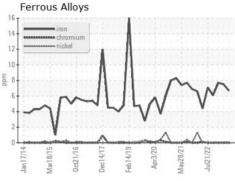


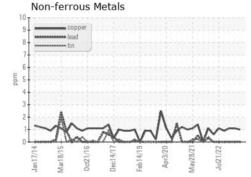
OIL ANALYSIS REPORT

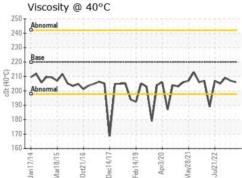


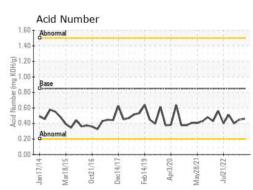


FLUID PROPER	TIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	220	206	207	209
SAMPLE IMAGE	S	method	limit/base	current	history1	history2
Color						
Bottom						













Certificate L2367

Test Package : IND 2

Laboratory Sample No. Lab Number **Unique Number**

: WC0605548 : 05901383 : 10562739

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

: 18 Jul 2023 : 20 Jul 2023 Diagnostician : Don Baldridge

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)

MARS CHOCOLATE

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