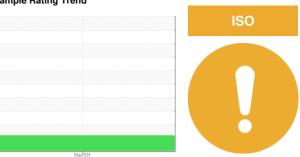


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

PORTABLE FILTRATION FOR GEARBOXES

Component **Gearbox**

DBV-50 (--- GAL)

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is a moderate amount of particulates present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

				May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		USPM36316		
Sample Date		Client Info		27 May 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ATTENTION		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	<1		
Chromium	ppm	ASTM D5185m	>15	<1		
Nickel	ppm	ASTM D5185m	>15	1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		1		
Aluminum	ppm	ASTM D5185m	>25	1		
Lead	ppm	ASTM D5185m	>100	<1		
Copper	ppm	ASTM D5185m	>200	<1		
Tin	ppm	ASTM D5185m	>25	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		0		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		0		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	2		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	<1		
Water	%	ASTM D6304	>0.2	0.018		
ppm Water	ppm	ASTM D6304	>2000	183		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	3855		
Particles >6µm		ASTM D7647	>2500	1603		
Particles >14μm		ASTM D7647	>320	405		
Particles >21µm		ASTM D7647	>80	<u> </u>		
Particles >38μm		ASTM D7647	>20	6		
Particles >71μm		ASTM D7647	>4	0		
Oil Cleanliness		ISO 4406 (c)	>20/18/15	19/18/16		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
A aid Number (ANI)		ACTM DODAE		0.40		

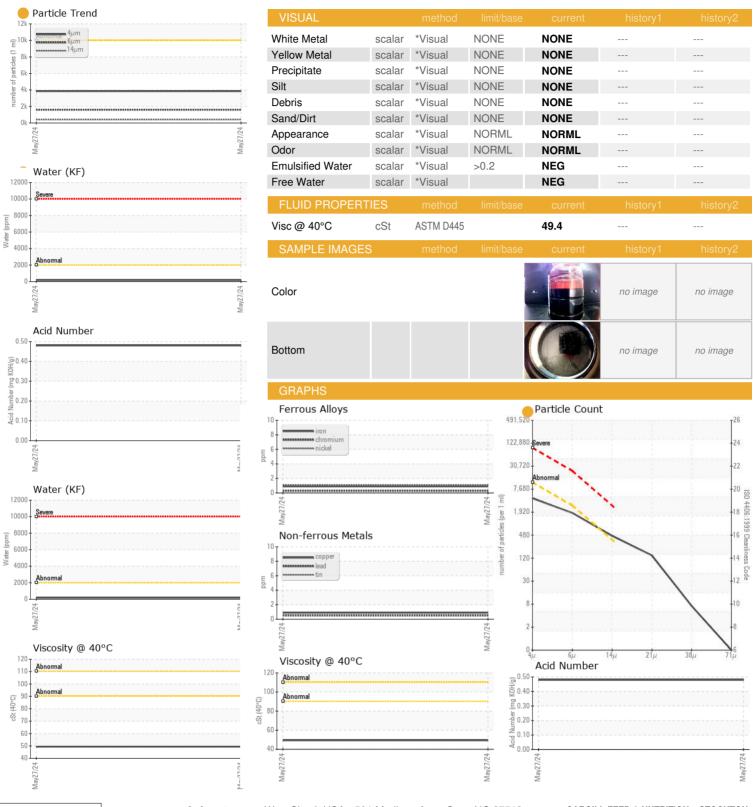
Acid Number (AN)

mg KOH/g ASTM D8045

0.48



OIL ANALYSIS REPORT





Certificate 12367

Laboratory Sample No.

: USPM36316 Lab Number : 06194626 Unique Number : 11056749 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 29 May 2024

Tested : 03 Jun 2024 Diagnosed : 03 Jun 2024 - Doug Bogart

CARGILL FEED & NUTRITION - STOCKTON 4344 S EL DORADO ST

STOCKTON, CA US 95201

Contact: Matt Sadler matthew_sadler@cargill.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)

Report Id: CARSTOCA [WUSCAR] 06194626 (Generated: 06/03/2024 22:44:16) Rev: 1

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