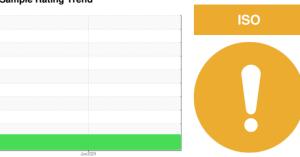


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

WEST DUMPER

Component
Hydraulic System

{not provided} (--- GAL)

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is a moderate amount of silt (particulates < 14 microns in size) 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

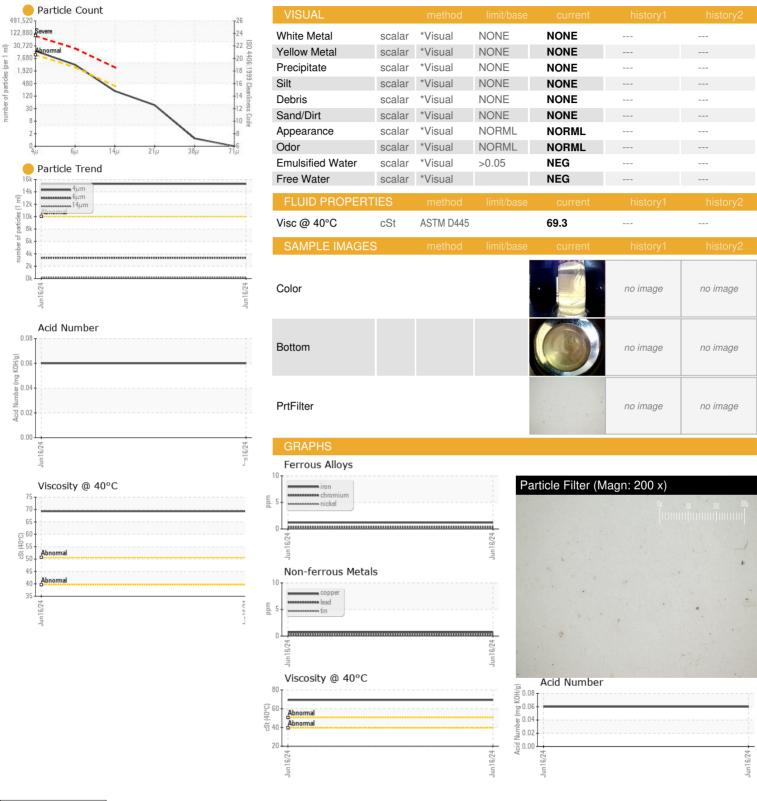
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PH0001534		
Sample Date		Client Info		16 Jun 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ATTENTION		
CONTAMINATION	V	method	limit/base	current	history1	history2
Water	•	WC Method	>0.05	NEG		
WEAR METALS		method	limit/base		history1	history2
Iron	ppm	ASTM D5185m	>20	1		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>20	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>20	2		
Lead	ppm	ASTM D5185m	>20	<1		
Copper	ppm	ASTM D5185m	>20	<1		
Tin	ppm	ASTM D5185m	>20	<1		
Vanadium	ppm	ASTM D5185m		0		
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		5		
Calcium	ppm	ASTM D5185m		7		
Phosphorus	ppm	ASTM D5185m		55		
Zinc	ppm	ASTM D5185m		72		
Sulfur	ppm	ASTM D5185m		970		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	<1		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	15284		
Particles >6µm		ASTM D7647	>2500	3337		
Particles >14µm		ASTM D7647	>320	185		
Particles >21µm		ASTM D7647	>80	39		
Particles >38µm		ASTM D7647	>20	1		
Particles >71µm		ASTM D7647	>4	0		
Oil Cleanliness		ISO 4406 (c)	>20/18/15	2 1/19/15		
FLUID DEGRADA	TION _	method	limit/base	current	history1	history2
	ma 1/01 1/a	ACTM DODAE		0.06		



Acid Number (AN) mg KOH/g ASTM D8045



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

Lab Number : 06211598

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : PH0001534

Unique Number : 11084462

Received **Tested**

: 17 Jun 2024 : 19 Jun 2024 Diagnosed Test Package: PLANT (Additional Tests: PrtFilter)

: 19 Jun 2024 - Angela Borella

US 27513 Contact: JAY GRONBACH jay.gronbach@parker.com T:

501 MADISON AVENUE

PARKER HANNIFIN CORPORATION-OIL LAB

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: PARMET [WUSCAR] 06211598 (Generated: 06/22/2024 22:18:17) Rev: 1

Contact/Location: JAY GRONBACH - PARMET

F:

CARY, NC