

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

DEHYDRATED OIL TOTE 7

New (Unused) Oil

{not provided} (--- GAL)

Recommendation

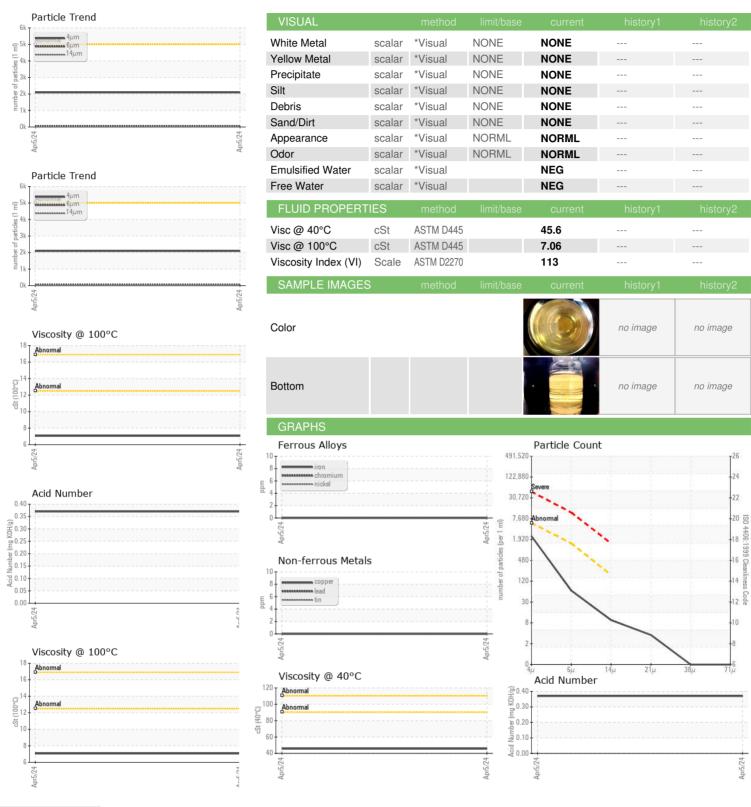
This is a baseline read-out on the submitted sample.

		<u>. </u>		Apr2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0920352		
Sample Date		Client Info		05 Apr 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>5	0		
Chromium	ppm	ASTM D5185m	>5	0		
Nickel	ppm	ASTM D5185m	>5	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>5	0		
Aluminum	ppm	ASTM D5185m	>5	0		
Lead	ppm	ASTM D5185m	>5	0		
Copper	ppm	ASTM D5185m	>5	0		
Tin	ppm	ASTM D5185m	>5	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		13		
Phosphorus	ppm	ASTM D5185m		216		
Zinc	ppm	ASTM D5185m		258		
Sulfur	ppm	ASTM D5185m		121		
CONTAMINANTS	5	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	0		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID CLEANLIN	NESS	method	limit/base	current	history1	history2
Particles >4μm		ASTM D7647	>5000	2087		
Particles >6μm		ASTM D7647	>1300	57		
Particles >14µm		ASTM D7647	>160	8		
Particles >21μm		ASTM D7647		3		
Particles >38µm		ASTM D7647	>10	0		
Particles >71μm		ASTM D7647		0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	18/13/10		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	ma KOH/a	ASTM D8045		0.37		

Acid Number (AN) mg KOH/g ASTM D8045



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Certificate 12367

Laboratory Sample No.

Lab Number : 06141868

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0920352 Unique Number : 10966676

Received : 08 Apr 2024 **Tested** Diagnosed

: 11 Apr 2024

: 11 Apr 2024 - Jonathan Hester Test Package : IND 2 (Additional Tests: FT-IR, ICP-NewOil, KV100, PrtCount, VI) To discuss this sample report, contact Customer Service at 1-800-237-1369.

US 28110 Contact: JEREMY ALMOND jeremy.almond@atimetals.com T:

ALLVAC SAF CONDITIONING

3750 ALLOY WAY

MONROE, NC

 st - 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)

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