

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Machine Id

SOLAR TURBINE MC07345

New (Unused) Oil

MOBIL DTE 832 (--- GAL)

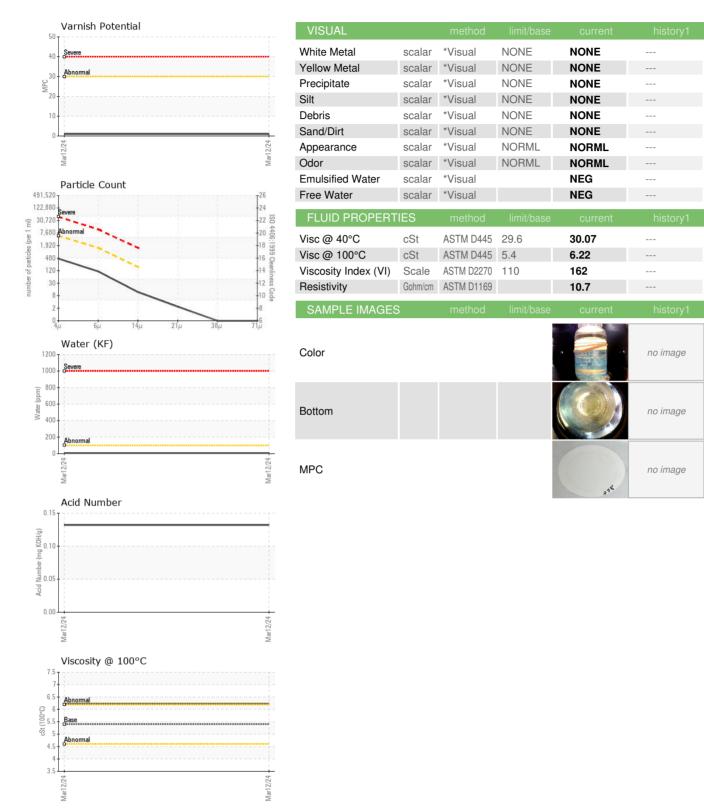
Recommendation

This is a baseline read-out on the submitted sample. Conductivity 10.7 pS.

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC06121278		
Sample Date		Client Info		12 Mar 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
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	<1		
Γitanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>5	0		
Aluminum	ppm	ASTM D5185m	>5	<1		
_ead	ppm	ASTM D5185m	>5	<1		
Copper	ppm	ASTM D5185m		0		
Tin	ppm	ASTM D5185m	>5	<1		
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		<1		
Calcium	ppm	ASTM D5185m		<1		
Phosphorus	ppm	ASTM D5185m		1209		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		2		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	0		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	1		
Water	%	ASTM D6304		0.001		
opm Water	ppm	ASTM D6304		7		
FLUID CLEANLIN	ESS _	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	401		
Particles >6µm		ASTM D7647	>1300	98		
Particles >14µm		ASTM D7647	>160	10		
Particles >21µm		ASTM D7647	>40	2		
Particles >38µm		ASTM D7647	>10	0		
Particles >71µm		ASTM D7647		0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	16/14/10		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.132		
Acid Number (AN)	99					



OIL ANALYSIS REPORT







Laboratory Sample No.

Lab Number

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

: WC06121278 : 06121278 Unique Number : 10930111

Received : 18 Mar 2024 **Tested** : 07 Apr 2024

Diagnosed

: 07 Apr 2024 - Doug Bogart

APEX OIL LAB 3956 44th STREET SE GRAND RAPIDS, MI US 49512

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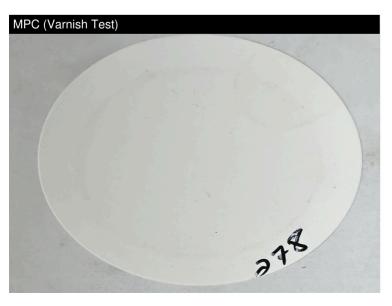
Certificate 12367

Test Package: IND 2 (Additional Tests: Conductivity, FT-IR, ICP-NewOil, KF, KV100, MPC, PrtCount, RESISTONTINAM: JASON RAINEY To discuss this sample report, contact Customer Service at 1-800-237-1369.

 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)

F: (616)828-1791

Report Id: APEGRA [WUSCAR] 06121278 (Generated: 04/07/2024 16:01:11) Rev: 2





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