

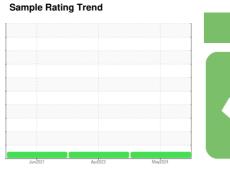
OIL ANALYSIS REPORT

04 Machine Id

[04] BASELINE - TURBINE LIFE 68 REF

New (Unused) Oil

{not provided} (1 QTS)





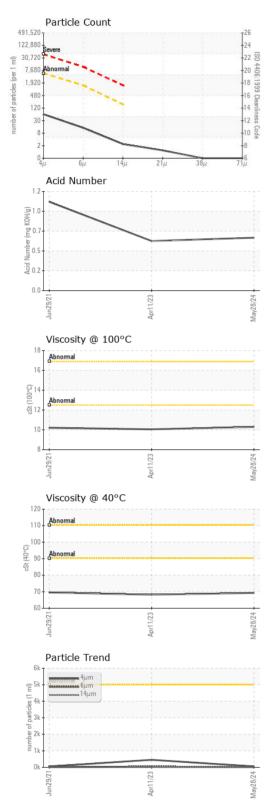
Recommendation

This is a baseline read-out on the submitted sample. (Customer Sample Comment: Batch#24B2802)

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		HPL0004896	HPL0003345	HPL008195
Sample Date		Client Info		28 May 2024	11 Apr 2023	29 Jun 2021
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATION		method	limit/base	current	history1	history2
Water		WC Method		NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m		0	0	0
Chromium	ppm	ASTM D5185m		0	0	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m		<1	0	<1
Lead	ppm	ASTM D5185m		1	0	0
Copper	ppm	ASTM D5185m		0	0	<1
Tin	ppm	ASTM D5185m		0	0	0
Antimony	ppm	ASTM D5185m				0
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	0	<1
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	13
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	0	<1
Magnesium	ppm	ASTM D5185m		1	0	2
Calcium	ppm	ASTM D5185m		1	2	4
Phosphorus	ppm	ASTM D5185m		209	200	341
Zinc	ppm	ASTM D5185m		3	2	2
Sulfur	ppm	ASTM D5185m		24536	16891	16198
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		<1	<1	<1
Sodium	ppm	ASTM D5185m		0	0	<1
Potassium	ppm	ASTM D5185m	>20	2	<1	0
FLUID CLEANLIN	NESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	54	453	53
Particles >6µm		ASTM D7647		12	43	10
Particles >14µm		ASTM D7647	>160	2	5	1
Particles >21µm		ASTM D7647		1	1	0
•		ASTM D7647	>1()	0	()	()
Particles >38µm		ASTM D7647	>10	0	0	0
Particles >38µm Particles >71µm Oil Cleanliness		ASTM D7647 ASTM D7647 ISO 4406 (c)		0 0 13/11/9	0 0 16/13/10	0 13/10/7



OIL ANALYSIS REPORT



FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.64	0.60	1.075
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual		NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		69.29	68.15	69.59
Visc @ 100°C	cSt	ASTM D445		10.3	10.05	10.21
Viscosity Index (VI)	Scale	ASTM D2270		134	131	131
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						
Bottom						





Certificate 12367

Lab Number : 06198102

Laboratory Sample No.

Unique Number : 11060225

: HPL0004896

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 03 Jun 2024

Tested : 05 Jun 2024 Diagnosed : 05 Jun 2024 - Jonathan Hester

2525 S KENSINGTON RD KANKAKEE, IL US 60901

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

timothy.hubert@kensingsolutions.com T: (815)939-8918

* - 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: x:

KENSING

Contact: TIM HUBERT