

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Machine Id

MOBIL JET 2 MOBIL JET 2

Component New (Unused) Oil

{not provided} (--- GAL)

Recommendation

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

Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

Fluid Condition

The condition of the oil is suitable for further service.

				Apr2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		HLC0002985		
Sample Date		Client Info		09 Apr 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		
Titanium	ppm	ASTM D5185m		<1		
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	<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		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		<1		
Phosphorus	ppm	ASTM D5185m		2975		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		0		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	3		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	<1		
Water	%	ASTM D6304		0.016		
ppm Water	ppm	ASTM D6304		167		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	1799		
Particles >6µm		ASTM D7647	>1300	248		
Particles >14μm		ASTM D7647	>160	20		
Particles >21µm		ASTM D7647	>40	8		
Particles >38μm		ASTM D7647	>10	0		
Particles >71μm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	18/15/11		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
A sial Nivershaw (ANI)	I/OII/-	4 OTM D00 45		0.00		

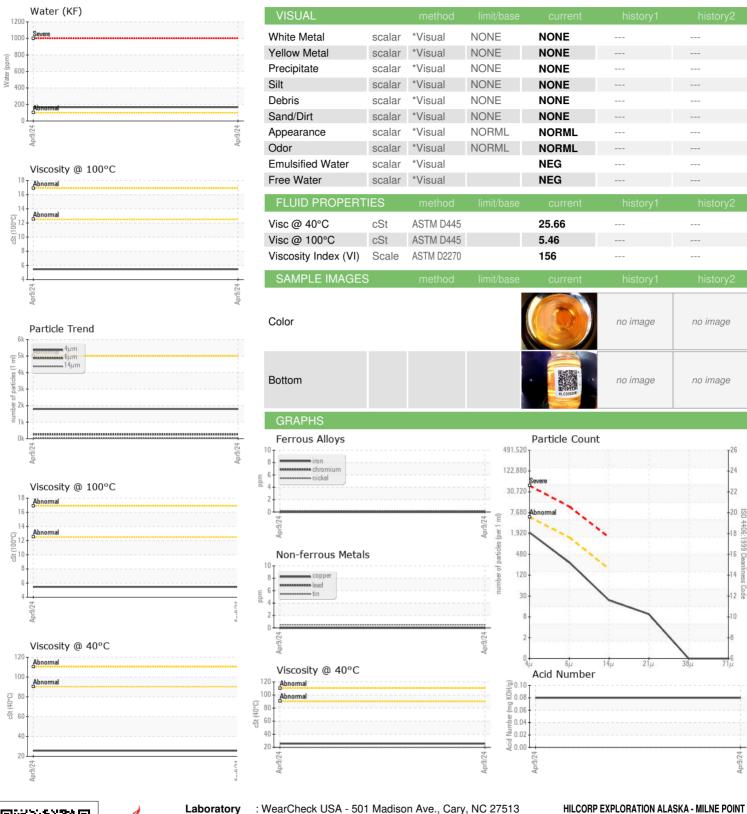
Acid Number (AN)

mg KOH/g ASTM D8045

0.08



OIL ANALYSIS REPORT





Laboratory Sample No.

Lab Number : 06146307

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : HLC0002985 Unique Number : 10976385

Received **Tested** Diagnosed

: 11 Apr 2024

: 11 Apr 2024

: 11 Apr 2024 - Doug Bogart

1000 MILNE POINT RD PRUDOE BAY, AK US 99734 Contact: Evan Reilly

Test Package: IND 2 (Additional Tests: FT-IR, ICP-NewOil, KF, KV100, PrtCount, VI) Certificate 12367 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.

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Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) Report Id: BPEMPU [WUSCAR] 06146307 (Generated: 04/11/2024 17:01:25) Rev: 1

Contact/Location: Evan Reilly - BPEMPU

F: x: