



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
AIRBUS HS350B3 N618ME - MOUNTAIN AIR HELICOPTERS (S/N 46046)

Component
Turbine

Fluid
MOBIL JET OIL 254 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GF0000995	GF0000999	GF0000824
Sample Date		Client Info		03 Jan 2024	04 Oct 2023	09 Nov 2022
TSN	hrs	Client Info		2643	20460	7278
TSO	hrs	Client Info		2643	994	1957
Oil Age	hrs	Client Info		50	700	50
Filter Age	hrs	Client Info		50	700	0
Oil Changed		Client Info		Not Changed	Not Changed	N/A
Filter Changed		Client Info		Changed	Not Changed	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m		0	0	0
Chromium	ppm	ASTM D5185m		0	0	0
Nickel	ppm	ASTM D5185m		0	<1	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m		<1	0	0
Lead	ppm	ASTM D5185m		0	0	0
Copper	ppm	ASTM D5185m		0	0	0
Tin	ppm	ASTM D5185m		<1	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

There is no indication of any contamination in the oil.

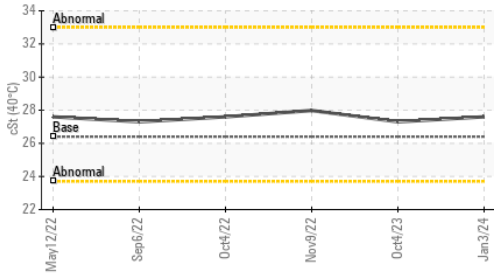
Silicon	ppm	ASTM D5185m		1	<1	0
Potassium	ppm	ASTM D5185m	>20	<1	<1	0
Water		WC Method	>0.03	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.03	NEG	NEG	NEG

FLUID CONDITION

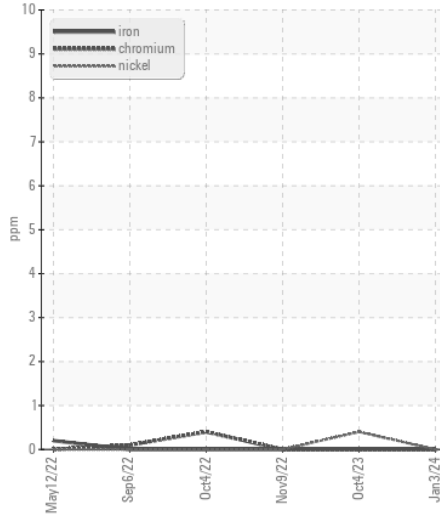
The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		0	0	0
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		<1	0	0
Magnesium	ppm	ASTM D5185m		0	2	0
Calcium	ppm	ASTM D5185m		<1	9	0
Phosphorus	ppm	ASTM D5185m		2994	2976	2813
Zinc	ppm	ASTM D5185m		0	0	0
Sulfur	ppm	ASTM D5185m		23	0	158
Visc @ 40°C	cSt	ASTM D445	26.4	27.6	27.3	27.98

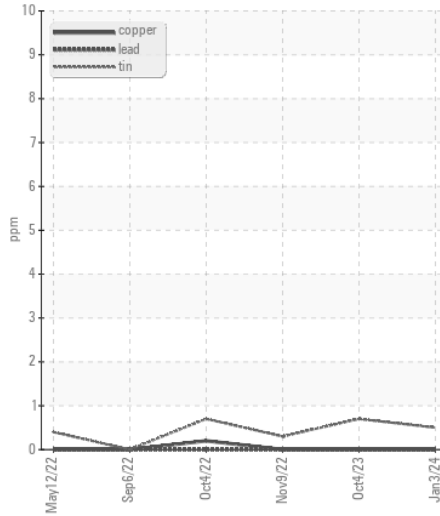
Viscosity @ 40°C



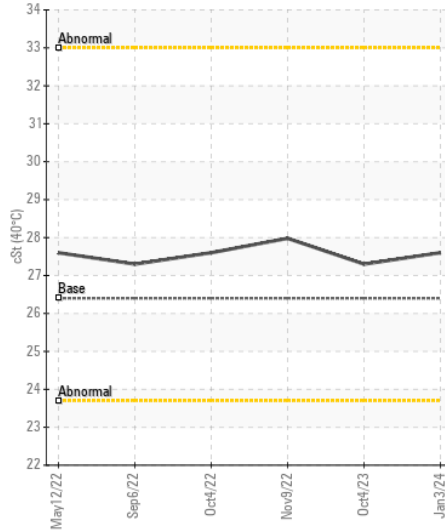
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : GF0000995 **Received** : 12 Jan 2024
Lab Number : 06060522 **Diagnosed** : 16 Jan 2024
Unique Number : 10831904 **Diagnostician** : Don Baldrige
Test Package : AVI 1

GLOBAL FILTRATION INC
 6115 SKYLINE DR
 HOUSTON, TX
 US 77057
 Contact: RICK CAQUETTE
 rick@globalfiltration.com
 T: (713)856-9800
 F: (713)856-9822

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)