

OIL ANALYSIS REPORT

SAMPLE INFORM

Sample Rating Trend

NORMAL



HOTLINE/120 MILL Machine Id 120-HAGC-CLEAN 120-HAGC-CLEAN

Component

Hydraulic System

QUAKER CHEMICAL QUINTOLUBRIC 888-46 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

	Clien	t Info)			KF	S00	0482	21	KFS	000489)(
IATION	met	hod		limit/	base		cu	rren	t	ı	nistory	1
		Jun2022	Jan2023	Feb2023	Mar2023	Apr2023	Jun2023	Jul2023	Sep2023	Nov2023		
1											4	

SAMPLE INFORM	VIATION	method	ilmit/base	current	nistory i	nistory2
Sample Number		Client Info		KFS0004821	KFS0004890	KFS0003798
Sample Date		Client Info		10 Nov 2023	29 Sep 2023	19 Jul 2023
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
				11011111111111		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	0	<1	<1
Chromium	ppm	ASTM D5185m	>20	0	0	0
Nickel	ppm	ASTM D5185m	>20	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>20	0	0	0
Lead	ppm	ASTM D5185m	>20	0	0	0
Copper	ppm	ASTM D5185m		0	0	0
Tin	ppm	ASTM D5185m	>20	297	311	317
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium		ASTM D5185m		0	0	0
	ppm	ASTIVI DSTOSIII		<u> </u>	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	0	2
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m		0	<1	0
Calcium	ppm	ASTM D5185m		0	2	0
Phosphorus	ppm	ASTM D5185m		114	96	110
Zinc	ppm	ASTM D5185m		2	3	<1
Sulfur	ppm	ASTM D5185m		607	657	607
CONTAMINANTS	8	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		1	2	2
Sodium	ppm	ASTM D5185m	>10	2	2	1
Potassium	ppm	ASTM D5185m	>20	0	<1	0
FLUID CLEANLIN	NESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		407	85	247
Particles >6µm		ASTM D7647	>1300	137	30	66
Particles >14μm		ASTM D7647	>160	18	5	10
Particles >21µm		ASTM D7647	>40	5	2	2
Particles >38µm		ASTM D7647	>10	0	0	1
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	16/14/11	14/12/10	15/13/10
FLUID DEGRADA	ATION _	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		1.37	1.36	1.34
, tora realistics (AIV)	my nong	, 10 1 W D0040		1.01	1.00	1.0-т



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Laboratory Sample No.

Lab Number **Unique Number**

: 10741398

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : KFS0004821 : 06007636

Received

Diagnosed Diagnostician

: 14 Nov 2023 : 16 Nov 2023 : Don Baldridge

Test Package : IND 2 (Additional Tests: KF) 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) **CONSTELLIUM**

4805 SECOND STREET MUSCLE SHOALS, AL

US 35661 Contact: Randy Nichols

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Report Id: CONMUSAL [WUSCAR] 06007636 (Generated: 11/17/2023 15:06:11) Rev: 1