

OIL ANALYSIS REPORT

Sample Rating Trend



Area SB 220 KAESER 1004 - MARUICHI LEAVITT AVE Component Front Blower

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.

Fluid Condition

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

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UDI0000213		
Sample Date		Client Info		07 May 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	2		
Chromium	ppm	ASTM D5185m	>20	0		
Nickel	ppm	ASTM D5185m	>20	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>20	0		
Lead	ppm	ASTM D5185m	>20	0		
Copper	ppm	ASTM D5185m	>20	<1		
Tin	ppm	ASTM D5185m	>20	0		
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	90	0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	90	35		
Calcium	ppm	ASTM D5185m	2	0		
Phosphorus	ppm	ASTM D5185m		<1		
Zinc	ppm	ASTM D5185m		176		
Sulfur	ppm	ASTM D5185m		21536		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	2		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID DEGRADA		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.34		

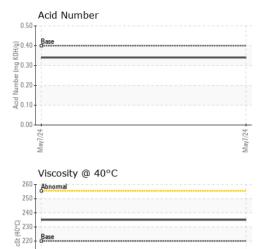


Bas 210 200 Abnorma

190

May7/24

OIL ANALYSIS REPORT



	VISUAL		method	limit/base	current	history1	history2
****	White Metal	scalar	*Visual	NONE	NONE		
	Yellow Metal	scalar	*Visual	NONE	NONE		
	Precipitate	scalar	*Visual	NONE	NONE		
	Silt	scalar	*Visual	NONE	NONE		
	Debris	scalar	*Visual	NONE	LIGHT		
4	Sand/Dirt	scalar	*Visual	NONE	NONE		
May7/24	Appearance	scalar	*Visual	NORML	NORML		
2	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water	scalar	*Visual		NEG		
	Free Water	scalar	*Visual		NEG		
	FLUID PROPERT	IES	method	limit/base	current	history1	history2
	Visc @ 40°C	cSt	ASTM D445	220	235		
	SAMPLE IMAGES	3	method	limit/base	current	history1	history2
May1/24	Color				0.	no image	no image
	Bottom					no image	no image
	Non-ferrous Metals	5		43/724			
	May7/24			May7/24			
	Viscosity @ 40°C			(0,400,400,400,400,400,400,400,400,400,4	Acid Number		
	May7/24			May7/24	May7/24		:
Laboratory Sample No. Lab Number Unique Number Test Package discuss this sample report,	: 11031614 : IND 2	Recei Teste Diagr	ived : 15 id : 16 nosed : 17	May 2024 May 2024 May 2024 - Se		DOWNE	WNERS GROV TISS STREE RS GROVE, US 6051 HAEL FERRI
o discuss this sample report, - Denotes test methods that tatements of conformity to sp	, contact Customer Servi are outside of the ISO 1 pecifications are based o	7025 scc	pe of accred	litation. nce decision	rule (JCGM 106:		(630)960-39

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