

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Machine Id

NK 112032 (S/N SC360785) Component Compressor Fluid

CIMARRON HB-150 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

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

Fluid Condition

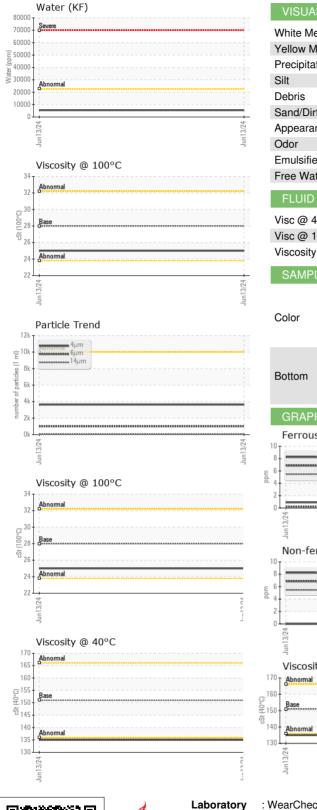
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Iron ppm ASTM 05185m >50 <1	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Date Image of the section line Image of the se	Sample Number		Client Info		TO90004068		
Oil Age hrs Client Info 0 Oil Changed Client Info N/A Sample Status o Imit/Dass current history1 WEAR METALS method imit/base current history1 Tron ppm ASTM D5185m >10 -1 Nickel ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m >25 0 Aduminum ppm ASTM D5185m >50 0 Adadium ppm ASTM D5185m 0 Adadium ppm ASTM D5185m 0 0 ASTM D5185m 0 0 ASTM D518			Client Info		13 Jun 2024		
Oil Age Inrs Client Info 0 Oil Changed Client Info N/A Sample Status Client Info N/A WEAR METALS method imit/base current history1 Chromium ppm ASTM D5185m 50 <1 Nickel ppm ASTM D5185m 0 Auminum ppm ASTM D5185m 25 2 Auminum ppm ASTM D5185m >25 0 Auminum ppm ASTM D5185m >50 0 Agendum ppm ASTM D5185m >50 0 Cadmium ppm ASTM D5185m 0 0 Barium ppm ASTM D5185m 0 0 Mageases <td>Machine Age</td> <td>hrs</td> <td>Client Info</td> <td></td> <td>0</td> <td></td> <td></td>	Machine Age	hrs	Client Info		0		
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Sample Status Image: Status Normation Image: Status StatusppmAST	Oil Changed		Client Info		N/A		
Iron ppm ASTM D5185m >50 <1	-				NORMAL		
Chromium ppm ASTM D5185m >10 <1	WEAR METALS		method	limit/base	current	history1	history2
Chromium ppm ASTM D5185m >10 <1	Iron	maa	ASTM D5185m	>50	<1		
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Oil Cleanliness ISO 4406 (c) >20/18/15 19/17/12 FLUID DEGRADATION method limit/base current history1 history1	Particles >38µm		ASTM D7647	>20	0		
Oil Cleanliness ISO 4406 (c) >20/18/15 19/17/12 FLUID DEGRADATION method limit/base current history1 history1	Particles >71µm		ASTM D7647	>4	0		
			ISO 4406 (c)	>20/18/15	19/17/12		
	FLUID DEGRADA		method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045 0.32	Acid Number (AN)	mg KOH/g	ASTM D8045		0.32		

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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	NONE		
	Sand/Dirt	scalar	*Visual	NONE	NONE		
3/24 -	Appearance	scalar	*Visual	NORML	NORML		
Jun13/24	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water	scalar	*Visual	>2.26	NEG		
	Free Water	scalar	*Visual		NEG		
	FLUID PROPERT		method	limit/base	current	history1	history2
							,
	Visc @ 40°C	cSt	ASTM D445	151	135		
	Visc @ 100°C	cSt	ASTM D445	28	25.0		
	Viscosity Index (VI)	Scale	ASTM D2270	224	220		
24 +	SAMPLE IMAGE	S	method	limit/base	current	history1	history2
Jun1324	Color					no image	no image
	Bottom					no image	no image
Jun13/24	GRAPHS Ferrous Alloys			491,52	Particle Count		T ²⁶
Lun L	8 Iron			122,88	0 Severe		-24
	E 4			30,72			-22
	2				Abnormal		LL.
	24 L 0			*2 (E 7.68	0		-20
	Jun 13/2 ⁴			Jun 13/24 1'61 m			+20 +18 +16 +14
)r ticles (10
	Non-ferrous Meta	IS		of part			10
	8 - copper			+2/2 [m] 1.92	0		-14
				- III 3	0		+12
C	2				8	1	
					0		+10
	Jun 13/24			Jun13/24	2-		-8
	, un r			Jun	0		
	Viscosity @ 40°C				^{4μ} 6μ Acid Number	14μ 21μ	38µ 71µ
	170 Abnormal			([®] 0.4			
	္ 160			(0,0,4) (0,0,0,0,0) (0,0,0,0) (0,0,0,0,0) (0,0,0,0,0) (0,0,0,0,0) (0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,	0		
	(160 ⊕ 150 ₹ 150 100 100 100 100 100 100 100			는 놀 0.2	0		
	³ ¹⁴⁰ Abnormal				0-		
	130						
č	Jun 13/24			Jun 13/24	Jun13/24		
Laboratory Sample No.	: WearCheck USA - 50 : TO90004068 r : 06221302	1 Madisc Rece Teste	ived : 26				

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Report Id: CIMCAR [WUSCAR] 06221302 (Generated: 06/29/2024 02:40:31) Rev: 1

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