

OIL ANALYSIS REPORT

Sample Rating Trend



Area ISO 320N Machine Id KAESER 1225 - MAUSER Component

Component Compressor

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL LS 80W90. Please confirm.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

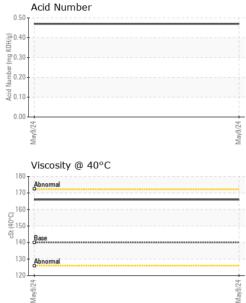
Fluid Condition

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		UDI0000239		
Sample Date		Client Info		09 May 2024		
Machine Age	hrs	Client Info		23522		
Oil Age	hrs	Client Info		6000		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	N	method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	8		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m	>3	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m		0		
Lead	ppm	ASTM D5185m	>10	0		
Copper	ppm	ASTM D5185m	>50	2		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m	210	0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Daran			150	0		
Boron	ppm	ASTM D5185m	150	0 126		
Barium	ppm	ASTM D5185m				
Molybdenum	ppm	ASTM D5185m		0 <1		
Manganese	ppm	ASTM D5185m	10	<1 101		
Magnesium	ppm	ASTM D5185m	10			
Calcium	ppm	ASTM D5185m	70	8		
Phosphorus	ppm	ASTM D5185m	2000	5		
Zinc	ppm	ASTM D5185m	50	0		
Sulfur	ppm	ASTM D5185m	20000	24640		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.47		



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		
May9/24	Appearance	scalar	*Visual	NORML	NORML		
May	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water	scalar	*Visual	>0.05	NEG		
	Free Water	scalar	*Visual		NEG		
	FLUID PROPERT		method	limit/base	current	history1	history2
						Thistory I	TIIStoryz
	Visc @ 40°C	cSt	ASTM D445	140	166		
	SAMPLE IMAGES	S	method	limit/base	current	history1	history2
- + 5124	Color					no image	no image
	Bottom					no image	no image
	Non-ferrous Metal	s		May9/24			
	udd 4 0 10 10 10 10 10 10 10 10 10			May9/24			
	– Viscosity @ 40°C				Acid Number		
	180 Abnormal			<u>,</u> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	1/0			.0. (B/HO) 0. 0.	40		
	(j) 160 (f) 150			Ĕ0.	30 -		
	ත් ₁₄₀ - Base			que 0.	20		
	130 - Abnormal			D Acid Number ()	10		
	120						20
	May9/24			May9/24	May9/24		₽ Crbvie M
Laboratory Sample No. Lab Number	: WearCheck USA - 50 : UDI0000239 : 06180281	1 Madiso Recei Teste	ved : 15 d : 16	5 May 2024 6 May 2024			RTISS STREE ERS GROVE, II
Inique Number ficate L2367 Test Package		Diagn	iosed :17	May 2024 -	Wes Davis	Contact: MIC	US 60515 CHAEL FERRIS
Unique Number	: IND 2 , contact Customer Servi	ice at 1-8	00-237-1369	9.	Wes Davis	Contact: MIC	

Report Id: UCDELDOW [WUSCAR] 06180281 (Generated: 05/17/2024 14:09:05) Rev: 1

Contact/Location: MICHAEL FERRIS - UCDELDOW