

OIL ANALYSIS REPORT

Area NOT GIVEN Machine Id INGERSOLL RAND VK5375U18292 - PLAZE Component

Component Compressor

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

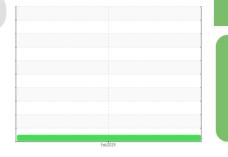
All component wear rates are normal.

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 acceptable for the time in service.



Sample Rating Trend

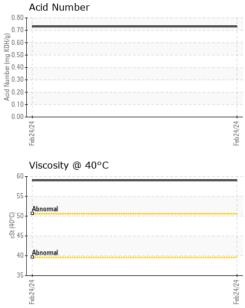


NORMAL

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2	
Sample Number		Client Info		UCH06141471			
Sample Date		Client Info		24 Feb 2024			
Machine Age	hrs	Client Info		23824			
Oil Age	hrs	Client Info		9400			
Oil Changed		Client Info		Changed			
Sample Status				NORMAL			
CONTAMINATION	N	method	limit/base	current	history1	history2	
Water		WC Method	>0.1	NEG			
WEAR METALS		method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m	>50	0			
Chromium	ppm	ASTM D5185m	>10	0			
Nickel	ppm	ASTM D5185m		0			
Titanium	ppm	ASTM D5185m		0			
Silver	ppm	ASTM D5185m		0			
Aluminum	ppm	ASTM D5185m	>25	0			
Lead	ppm	ASTM D5185m	>25	0			
Copper	ppm	ASTM D5185m	>50	0			
Tin	ppm	ASTM D5185m	>15	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		15			
Molybdenum	ppm	ASTM D5185m		0			
Manganese	ppm	ASTM D5185m		0			
Magnesium	ppm	ASTM D5185m		0			
Calcium	ppm	ASTM D5185m		0			
Phosphorus	ppm	ASTM D5185m		176			
Zinc	ppm	ASTM D5185m		0			
Sulfur	ppm	ASTM D5185m		375			
CONTAMINANTS	3	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m	>25	0			
Sodium	ppm	ASTM D5185m		24			
Potassium	ppm	ASTM D5185m	>20	1			
FLUID DEGRADA	TION	method	limit/base	current	history1	history2	
Acid Number (AN)	mg KOH/g	ASTM D8045		0.73			



OIL ANALYSIS REPORT



(1, 50 + Abnon (1, 0)+ 45 + 40 + Abnon 35 + 27, 29,				60.00 0.00	Feb24/24		Feb24/24 +
60	Viscosity @ 40°C				Acid Number		
	copper lead						
	ferrous Meta	ls		Feb24/24			
	iron chromium nickel						
Botton	ı PHS					no image	no image
 Color						no image	no image
Visc @ SAM	IPLE IMAGE	cSt S	ASTM D445 method	limit/base	59.0 current	history1	history2
 			method	limit/base	current	history1	history2
 Free V	Vater	scalar	*Visual		NEG		
0001	ified Water	scalar scalar	*Visual *Visual	NORML	NORML NEG		
Appea Odor	rance	scalar	*Visual	NORML	NORML		
 Sand/		scalar	*Visual	NONE	NONE		
Silt		scalar scalar	*Visual *Visual	NONE NONE	MODER NONE		
Precip	itate	scalar	*Visual	NONE	NONE		
White Yellow		scalar scalar	*Visual *Visual	NONE NONE	NONE NONE		

篮

Contact/Location: RACHEL VON HATTEN - UCJOHSAI

Page 2 of 2