

OIL ANALYSIS REPORT

Sample Rating Trend

SAMPLE INFORMATION method limit/base current history1



Aug.2223



EPIROC ST18 SCP203

Front Differential Fluid PENNZOIL 75W140 (--- 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.

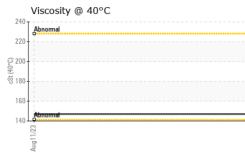
Fluid Condition

The condition of the oil is acceptable for the time in service.

SAMPLE INFORM	ATION	methou	iiiiii/base	current	Thistory I	TIIStoryz
Sample Number		Client Info		WC0848077		
Sample Date		Client Info		11 Aug 2023		
Machine Age	hrs	Client Info		10010		
Oil Age	hrs	Client Info		1000		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
÷			11 11 /			
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>500	469		
Chromium	ppm	ASTM D5185(m)	>10	2		
Nickel	ppm	ASTM D5185(m)	>10	1		
Titanium	ppm	ASTM D5185(m)		<1		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)	>25	2		
Lead	ppm	ASTM D5185(m)	>25	2		
Copper	ppm	ASTM D5185(m)	>100	65		
Tin	ppm	ASTM D5185(m)	>10	3		
Antimony	ppm	ASTM D5185(m)	>5	0		
Vanadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
		and the set	Line it //n non-	t	In the term of	la la tra ma O
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		17		
Barium	ppm	ASTM D5185(m)		2		
Molybdenum	ppm	ASTM D5185(m)		10		
Vanganese	ppm	ASTM D5185(m)		8		
Magnesium	ppm	ASTM D5185(m)		3		
Calcium	ppm	ASTM D5185(m)		223		
Phosphorus	ppm	ASTM D5185(m)		2736		
Zinc	ppm	ASTM D5185(m)		60		
Sulfur	ppm	ASTM D5185(m)		23641		
Lithium	ppm	ASTM D5185(m)		1		
CONTAMINANTS		method	limit/base	current	history1	history2
			IIIIII/Dase		Tilstory I	Thistory2
Silicon	ppm	ASTM D5185(m)	>75	14		
Sodium	ppm	ASTM D5185(m)		6		
Potassium	ppm	ASTM D5185(m)	>20	2		
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	VLITE		
Debris	scalar	Visual*	NONE	VLITE		
Sand/Dirt	scalar	Visual*	NONE	NONE		
Appearance	scalar	Visual*	NORML	NORML		
Odor	scalar	Visual*	NORML	NORML		
Emulation Water						
Emulsified Water Free Water	scalar scalar	Visual* Visual*	>.2	NEG NEG		



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Visc @ 40°C SAMPLE IMAGI Color Bottom		TM D7279(m) method	limit/base	147 current	history1	 history2 no image
Color	ES r	method	limit/base	current		
					no image	no imago
Bottom						no image
					no image	no image
GRAPHS						
Iron (ppm)			120	Lead (ppm)		
0 - Severe			100	Severe		
10 -			80 ਛੁੱ 60			
0 - Abnormal			40	Abnormal		
			0	23		23
Aug11/2			Aug11/7	Aug11/7		Aug11/23
)			Chromium (pp	om)	
0 - Severe			25	Severe		
			20 E 15			
Abnormal			10	Abnormal		
0			- 0	~		
Aug11/2			Aug11/2	Aug11/2		Aua 11/23
Copper (ppm)				Silicon (ppm)		
Saura			200	Severe		
			100	Abnormal		
0						
4ug 11/23			4ug11/2;	4ug 11/2:		Aua 11/23
Viscosity @ 40°C	2			Additives		4
Abnormal			2500	calcium phosphorus		
10 -			2000 5 1500	zinc	J	
10 -			1000			
Abnormal			500			
11/23			ıg11/23	ıg 11/23		Aug11/23
WearCheck - C8-1 WC0848077 02576212 5629272 MOB 1 ntact Customer Set	Received Diagnosed Diagnosticia	: 16 Au : 16 Au an : Wes [- <i>268-2131.</i>	gton, ON L [*] Ig 2023 Ig 2023 Davis	7L 5H9 1350 Govi AEM_KL_n	ernment Rd. W, MA Kirk Contact: Mitc nacassaoilsampleresul T:	Eagle Canada CASSA COMPLEX Iand Lake, ON CA P2N 3J1 Ch Lamontagne ts@agnicoeagle.com (705)567-5208
	Iron (ppm)	Iron (ppm)	Iron (ppm)	Iron (ppm) Iron (ppm) American and a service at 1-800-268-2131. Factoreditation, (m) method modified, (e) tested at external factoreditation, (m) method modified, (e) tested at external factoreditation (factored) factored factored factored factoreditation (factored) factored factored factored factored factored factored factored factored factored factored factored factored factored factored factored factored factore	Iron (ppm) Lead (ppm) Lead (ppm) Aluminum (ppm) Chromium (ppm) Copper (ppm) Copp	Iron (ppm) Iron (