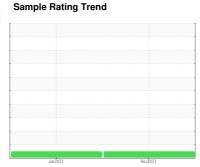


# **OIL ANALYSIS REPORT**

# **MARYNEAL** [200006807]

**FUCHS RENOLIN CLP ISO 320 (650 LTR)** 







## Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

## Contamination

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.

			Jan 2022	Nov2023		
SAMPLE INFORM	//ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		NX06054867	NX009296	
Sample Date		Client Info		08 Nov 2023	10 Jan 2022	
Machine Age	hrs	Client Info		0	0	
Oil Age	hrs	Client Info		0	0	
Oil Changed		Client Info		N/A	N/A	
Sample Status				NORMAL	NORMAL	
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184	>80	9	22	
Iron	ppm	ASTM D5185m	>150	12	88	
Chromium	ppm	ASTM D5185m	>5	0	<1	
Nickel	ppm	ASTM D5185m	>10	0	0	
Titanium	ppm	ASTM D5185m	>10	0	0	
Silver	ppm	ASTM D5185m		0	<1	
Aluminum	ppm	ASTM D5185m	>10	0	<1	
Lead	ppm	ASTM D5185m	>20	0	<1	
Copper	ppm	ASTM D5185m	>50	2	<1	
Tin	ppm	ASTM D5185m	>3	0	<1	
Antimony	ppm	ASTM D5185m	>3		0	
Vanadium	ppm	ASTM D5185m		0	0	
Cadmium	ppm	ASTM D5185m		0	0	
	PPIII		::+/			
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		8	11	
Barium	ppm	ASTM D5185m		0	0	
Molybdenum	ppm	ASTM D5185m		0	0	
Manganese	ppm	ASTM D5185m		0	<1	
Magnesium	ppm	ASTM D5185m		0	0	
Calcium	ppm	ASTM D5185m		10	20	
Phosphorus	ppm	ASTM D5185m		183	210	
Zinc	ppm	ASTM D5185m		0	0	
Sulfur	ppm	ASTM D5185m		4658	4111	
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	13	6	
Sodium	ppm	ASTM D5185m	>20	5	0	
Potassium	ppm	ASTM D5185m	>20	0	<1	
Water	%	ASTM D6304	>0.05	0.003	0.003	
ppm Water	ppm	ASTM D6304	>500	34	25.1	
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		7593	887	
Particles >6µm		ASTM D7647	>2500	2223	163	
Particles >14μm		ASTM D7647	>320	168	27	
Particles >21µm		ASTM D7647	>80	41	10	
Particles >38µm		ASTM D7647	>20	2	0	
Particles >71µm		ASTM D7647	>4	1	0	
Oil Cleanliness		ISO 4406 (c)	>/18/15	20/18/15	17/15/12	



## **OIL ANALYSIS REPORT**

