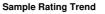


OIL ANALYSIS REPORT





ALMEDA PIPELINE PUMP 4 820PM18401

Natural Gas Engine Fluid MOBIL PEGASUS 805 (--- 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.

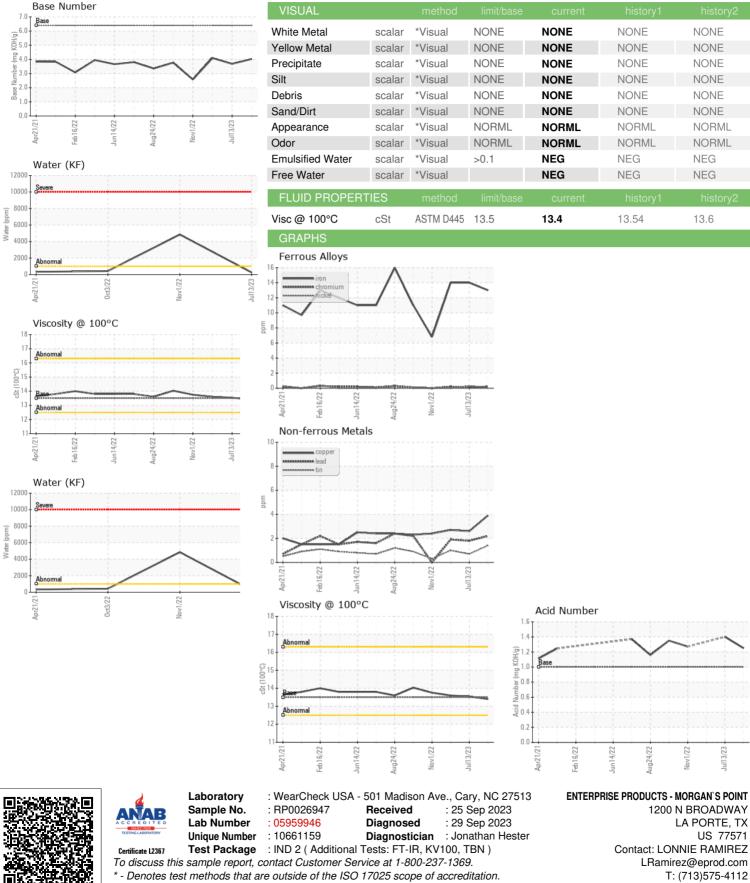
Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		RP0026947	RP0026913	RP0026929
Sample Date		Client Info		19 Sep 2023	13 Jul 2023	07 Feb 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Filtered	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	13	14	14
Chromium	ppm	ASTM D5185m	>4	<1	<1	<1
Nickel	ppm	ASTM D5185m	>2	<1	<1	0
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>9	5	2	3
Lead	ppm	ASTM D5185m	>30	2	2	2
Copper	ppm	ASTM D5185m	>35	4	3	3
Tin	ppm	ASTM D5185m	>4	1	<1	1
Vanadium	ppm	ASTM D5185m		0	<1	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	80	6	5	4
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		11	11	10
Manganese	ppm	ASTM D5185m		1	<1	<1
Magnesium	ppm	ASTM D5185m		74	78	73
Calcium	ppm	ASTM D5185m	1020	1413	1496	1364
Phosphorus	ppm	ASTM D5185m	220	400	415	385
Zinc	ppm	ASTM D5185m	230	447	465	429
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>+100	3	3	3
Sodium	ppm	ASTM D5185m		3	1	1
Potassium	ppm	ASTM D5185m	>20	9	9	9
Water	%	ASTM D6304	>0.1		0.024	
ppm Water	ppm	ASTM D6304	>1000		245.0	
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0	0	0.1
Nitration	Abs/cm	*ASTM D7624	>20	9.2	9.3	9.6
Sulfation	Abs/.1mm	*ASTM D7415	>30	18.3	19.0	19.0
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	15.2	15.8	15.5
Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	1.25	1.40	
Base Number (BN)	mg KOH/g	ASTM D2896	6.4	4.03	3.68	4.09



OIL ANALYSIS REPORT



Contact/Location: LONNIE RAMIREZ - ENTLAPTX

F: