

OIL ANALYSIS REPORT

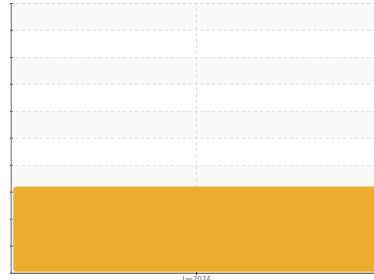
Sample Rating Trend

WATER



Machine Id
COASTAL CHEMICAL/RESOLUTION RESOURCES

Component
Pump
Fluid
{not provided} (--- GAL)



DIAGNOSIS

- Recommendation**
No corrective action is recommended at this time. Resample at the next service interval to monitor.
- Wear**
Moderate concentration of visible metal present. All component wear rates are normal.
- Contamination**
There is a light concentration of water present in the oil. Moderate concentration of visible dirt/debris present in the oil.
- Fluid Condition**
The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	TO70000142	---	---
Sample Date	Client Info	30 Jan 2024	---	---
Machine Age	hrs Client Info	0	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184	91	---	---
Iron	ppm ASTM D5185m >90	87	---	---
Chromium	ppm ASTM D5185m >5	<1	---	---
Nickel	ppm ASTM D5185m >5	0	---	---
Titanium	ppm ASTM D5185m >3	0	---	---
Silver	ppm ASTM D5185m >3	0	---	---
Aluminum	ppm ASTM D5185m >7	2	---	---
Lead	ppm ASTM D5185m >12	0	---	---
Copper	ppm ASTM D5185m >30	3	---	---
Tin	ppm ASTM D5185m >9	<1	---	---
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	1	---	---
Molybdenum	ppm ASTM D5185m	2	---	---
Manganese	ppm ASTM D5185m	1	---	---
Magnesium	ppm ASTM D5185m	212	---	---
Calcium	ppm ASTM D5185m	1287	---	---
Phosphorus	ppm ASTM D5185m	125	---	---
Zinc	ppm ASTM D5185m	8	---	---
Sulfur	ppm ASTM D5185m	808	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >60	2	---	---
Sodium	ppm ASTM D5185m	1901	---	---
Potassium	ppm ASTM D5185m >20	33	---	---
Water	% ASTM D6304 >.1	▲ 0.313	---	---
ppm Water	ppm ASTM D6304 >1000	▲ 3130	---	---

VISUAL

method	limit/base	current	history1	history2
White Metal	scalar *Visual NONE	▲ MODER	---	---
Yellow Metal	scalar *Visual NONE	NONE	---	---
Precipitate	scalar *Visual NONE	NONE	---	---
Silt	scalar *Visual NONE	NONE	---	---
Debris	scalar *Visual NONE	▲ MODER	---	---
Sand/Dirt	scalar *Visual NONE	NONE	---	---
Appearance	scalar *Visual NORML	NORML	---	---
Odor	scalar *Visual NORML	NORML	---	---
Emulsified Water	scalar *Visual >.1	0.2%	---	---
Free Water	scalar *Visual	NEG	---	---

