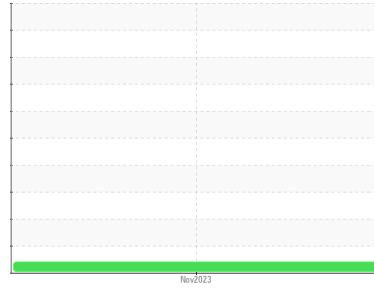
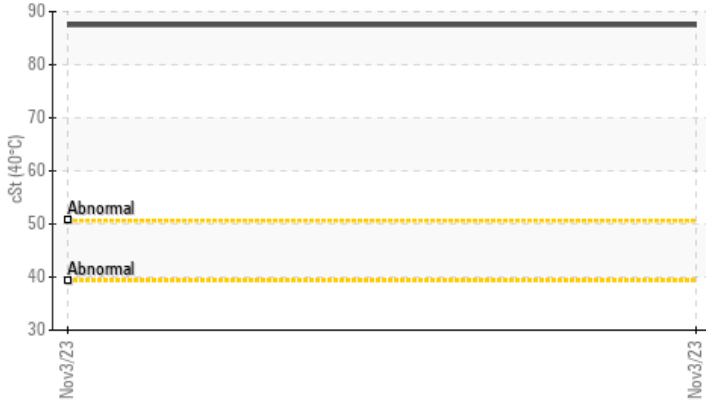


Area
NOT GIVEN
Machine Id
SULLIVAN PALATEK 5317004290
Component
Compressor



COMPONENT CONDITION SUMMARY

▲ Viscosity @ 40°C



RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Note: Based on the additives, this oil appears to be engine oil or mixed.

PROBLEMATIC TEST RESULTS

| Sample Status | | | ATTENTION | --- | --- |
|---------------|-----|-----------|------------------|-----|-----|
| Visc @ 40°C | cSt | ASTM D445 | ▲ 87.5 | --- | --- |

Customer Id: UCSULMIC
Sample No.: UCS05999152
Lab Number: 05999152
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
Angela Borella +1 800-237-1369
angela.borella@wearcheckusa.com

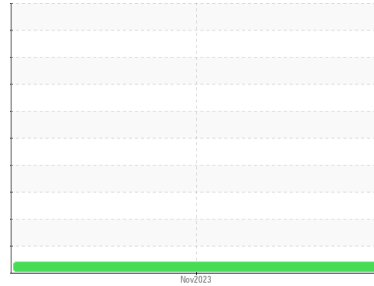
To change component or sample information:
Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

| Action | Status | Date | Done By | Description |
|----------------------|--------|------|---------|---|
| Information Required | --- | --- | ? | Please specify the brand, type, and viscosity of the oil on your next sample. |

HISTORICAL DIAGNOSIS

Area
NOT GIVEN
Machine Id
SULLIVAN PALATEK 5317004290
Component
Compressor



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Note: Based on the additives, this oil appears to be engine oil or mixed.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The AN level is acceptable for this fluid.

SAMPLE INFORMATION method limit/base current history1 history2

| | | | | | |
|---------------|-------------|-------------|--------------------|-----|-----|
| Sample Number | Client Info | | UCS05999152 | --- | --- |
| Sample Date | Client Info | | 03 Nov 2023 | --- | --- |
| Machine Age | hrs | Client Info | 0 | --- | --- |
| Oil Age | hrs | Client Info | 0 | --- | --- |
| Oil Changed | | Client Info | N/A | --- | --- |
| Sample Status | | | ATTENTION | --- | --- |

WEAR METALS method limit/base current history1 history2

| | | | | | | |
|----------|-----|-------------|-----|--------------|-----|-----|
| Iron | ppm | ASTM D5185m | >50 | 4 | --- | --- |
| Chromium | ppm | ASTM D5185m | >10 | <1 | --- | --- |
| Nickel | ppm | ASTM D5185m | | <1 | --- | --- |
| Titanium | ppm | ASTM D5185m | | <1 | --- | --- |
| Silver | ppm | ASTM D5185m | | <1 | --- | --- |
| Aluminum | ppm | ASTM D5185m | >25 | 3 | --- | --- |
| Lead | ppm | ASTM D5185m | >25 | <1 | --- | --- |
| Copper | ppm | ASTM D5185m | >50 | 2 | --- | --- |
| Tin | ppm | ASTM D5185m | >15 | 0 | --- | --- |
| Vanadium | ppm | ASTM D5185m | | 0 | --- | --- |
| Cadmium | ppm | ASTM D5185m | | <1 | --- | --- |

ADDITIVES method limit/base current history1 history2

| | | | | | | |
|------------|-----|-------------|--|--------------|-----|-----|
| Boron | ppm | ASTM D5185m | | 2 | --- | --- |
| Barium | ppm | ASTM D5185m | | 4 | --- | --- |
| Molybdenum | ppm | ASTM D5185m | | <1 | --- | --- |
| Manganese | ppm | ASTM D5185m | | 2 | --- | --- |
| Magnesium | ppm | ASTM D5185m | | 10 | --- | --- |
| Calcium | ppm | ASTM D5185m | | 1821 | --- | --- |
| Phosphorus | ppm | ASTM D5185m | | 803 | --- | --- |
| Zinc | ppm | ASTM D5185m | | 956 | --- | --- |
| Sulfur | ppm | ASTM D5185m | | 3938 | --- | --- |

CONTAMINANTS method limit/base current history1 history2

| | | | | | | |
|-----------|-----|-------------|-----|-----------|-----|-----|
| Silicon | ppm | ASTM D5185m | >25 | 16 | --- | --- |
| Sodium | ppm | ASTM D5185m | | 4 | --- | --- |
| Potassium | ppm | ASTM D5185m | >20 | 2 | --- | --- |

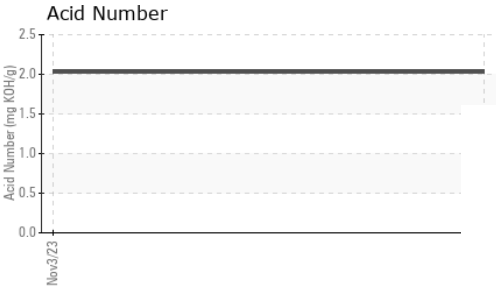
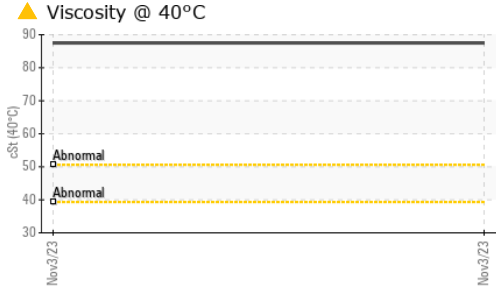
FLUID DEGRADATION method limit/base current history1 history2

| | | | | | | |
|------------------|----------|------------|--|-------------|-----|-----|
| Acid Number (AN) | mg KOH/g | ASTM D8045 | | 2.03 | --- | --- |
|------------------|----------|------------|--|-------------|-----|-----|

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 | NONE | --- | --- |
| Debris | scalar | *Visual | NONE | LIGHT | --- | --- |
| Sand/Dirt | scalar | *Visual | NONE | NONE | --- | --- |
| Appearance | scalar | *Visual | NORML | NORML | --- | --- |
| Odor | scalar | *Visual | NORML | NORML | --- | --- |
| Emulsified Water | scalar | *Visual | >0.1 | NEG | --- | --- |
| Free Water | scalar | *Visual | | NEG | --- | --- |


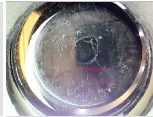
OIL ANALYSIS REPORT



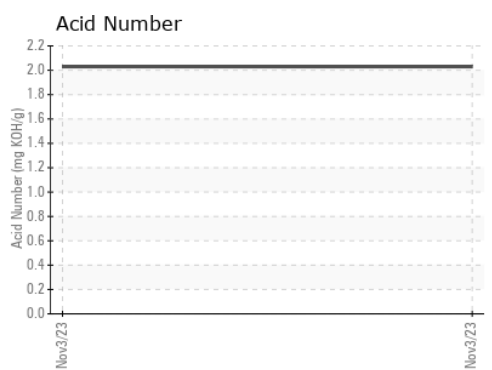
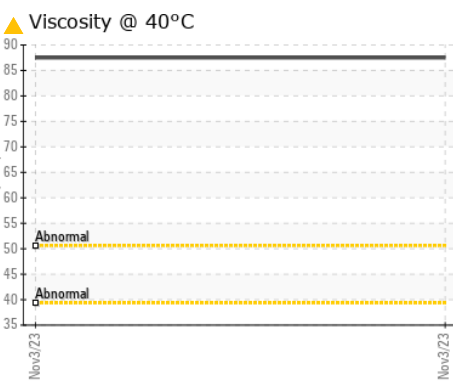
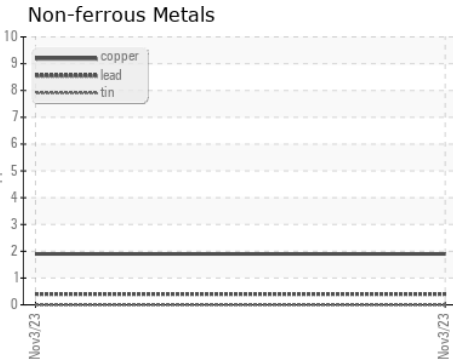
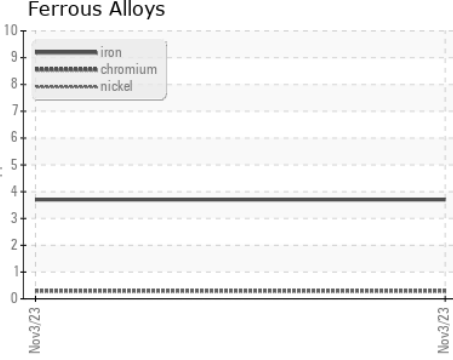
FLUID PROPERTIES

| method | limit/base | current | history1 | history2 |
|-------------|------------|---------|----------|----------|
| Visc @ 40°C | cSt | ▲ 87.5 | --- | --- |

SAMPLE IMAGES

| method | limit/base | current | history1 | history2 |
|--------|------------|---|----------|----------|
| Color | |  | no image | no image |
| Bottom | |  | no image | no image |

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCS05999152 **Received** : 06 Nov 2023
Lab Number : 05999152 **Diagnosed** : 07 Nov 2023
Unique Number : 10727512 **Diagnostician** : Angela Borella
Test Package : IND 2

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To discuss this sample report, contact Customer Service at 1-800-237-1369.
 * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)