

OIL ANALYSIS REPORT

Area TECHTROL GOLD Machine Id INGERSOLL RAND UNIT 4 POWER HOUSE - TVA (S/N M88-43580) Component

Compressor

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

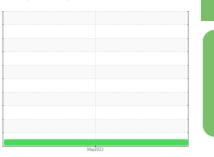
All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



Sample Rating Trend

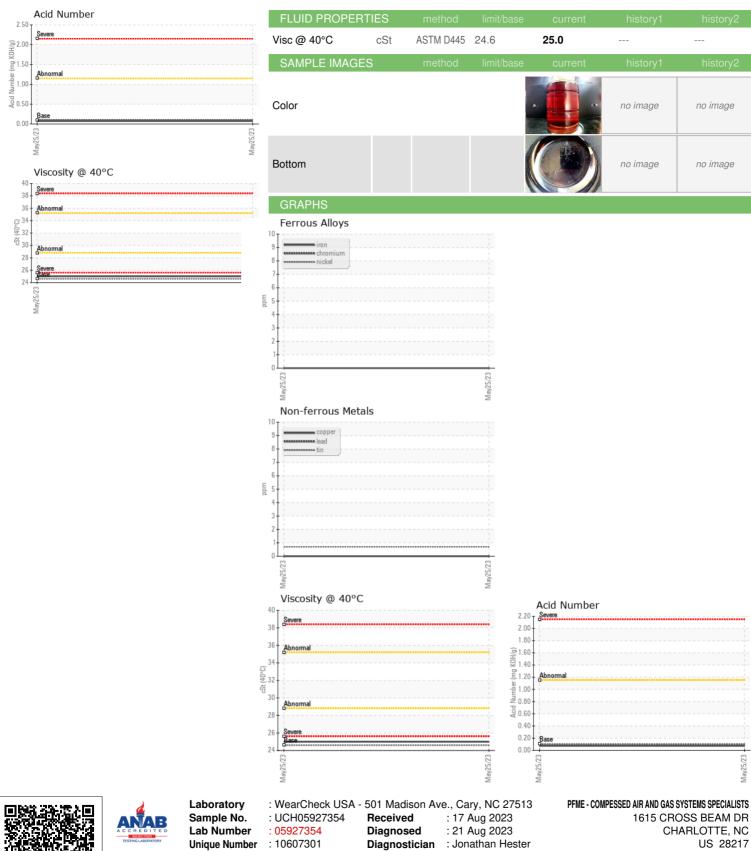


NORMAL

| Sample Number Client Info 25 May 202 Sample Date Client Info 25 May 202 Oil Age hrs Client Info 0 Oil Age hrs Client Info Not Changd Oil Changed Client Info Not Changd Sample Status n method Not Changd VeCAR METALS method Init See n Nickel ppm ASTM 05155n >50 0 Nickel ppm ASTM 05155n >25 1 Silver ppm ASTM 05155n >25 1 Capper ppm ASTM 05155n >50 0 Cadmium ppm ASTM 05155n <1 Cadmium pm ASTM 05155n 0 Samale Status 0 | SAMPLE INFORM | MATION | method | limit/base | current | history1 | history2 |
|--|------------------|---------------|-------------|------------|-------------|----------|---|
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| Oil Changed Client Info Not Changd ··· ··· Sample Status Image Image Current history1 history2 WEAR METALS method Imit/base Current history1 | Machine Age | hrs | Client Info | | 13907 | | |
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| ManganeseppmASTM D5185m<1MagnesiumppmASTM D5185m2CalciumppmASTM D5185m2PhosphorusppmASTM D5185m2ZincppmASTM D5185m0SulfurppmASTM D5185m346SulfurppmASTM D5185m346CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>256SodiumppmASTM D5185m2PotassiumppmASTM D5185m>200FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2Acid Number (AN)mg K0HgASTM D80450.100.074VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONEYellow Metalscalar*VisualNONENONESilitscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNORMLNORMLAppearancescalar | | | | | | | |
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| Sand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.1NEG | | scalar | *Visual | | NONE | | |
| Appearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.1NEG | | scalar | *Visual | NONE | NONE | | |
| Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG | Sand/Dirt | scalar | *Visual | NONE | NONE | | |
| Emulsified Water scalar *Visual >0.1 NEG | Appearance | scalar | *Visual | NORML | NORML | | |
| | Odor | scalar | *Visual | NORML | NORML | | |
| Free Water scalar *Visual NEG | Emulsified Water | scalar | *Visual | >0.1 | NEG | | |
| | Free Water | scalar | *Visual | | NEG | | |



OIL ANALYSIS REPORT



Contact/Location: SCOTT MITCHELL - UCPFMCHA

1615 CROSS BEAM DR

CHARLOTTE, NC

US 28217

T:

F:

no image

no image