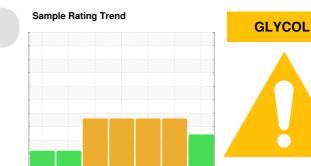


OIL ANALYSIS REPORT



722026-261545

Component Diesel Engine Fluid PETRO CANADA DURON SHP 15W40 (--- GAL)

DIAGNOSIS

Recommendation

We advise that you check for the source of the coolant leak. Check for low coolant level. We advise that you check the fuel injection system. We recommend an early resample to monitor this condition.

Wear

All component wear rates are normal.

Contamination

Sodium and/or potassium levels remain high. There is a moderate amount of fuel present in the oil.

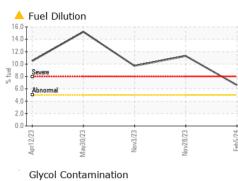
Fluid Condition

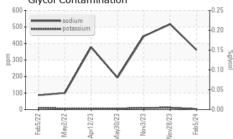
Fuel is present in the oil and is lowering the viscosity. The BN result indicates that there is suitable alkalinity remaining in the oil.

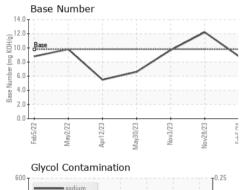
| Sample Number Client Info GFL0109855 GFL0102547 GFL0009858 Sample Date Client Info 19997 19820 19806 Machine Age hrs Client Info 19997 19820 19806 Oil Age hrs Client Info 0 0 0 0 Oil Changed Client Info Not Changed Changed N/A Sample Number Client Info Not Changed Changed N/A Sample Number Client Info Not Changed N/A CONTAMINATION method Imit/base current history1 history2 Iron ppm ASTM 05185m >2 0 0 | | | | | | | | |
|---|---------------|---------------|-------------|------------|-------------|-------------|-------------|----------|
| Sample Date Client Info 05 Feb 2024 28 Nov 2023 03 Nov 2023 Machine Age hrs Client Info 19997 19820 19806 Oil Age hrs Client Info 0 0 0 Oil Changed Client Info Not Changed NA SevERE SEVERE CONTAMINATION method Imit/base current history1 history1 Water WC Method >0.2 NEG NEG NEG WEAR METALS method Imit/base current history1 history2 Iron ppm ASTM 05185n >4 <1 1 1 Nickel ppm ASTM 05185n >2 1 2 1 Silver ppm ASTM 05185n >2 0 0 0 Alge ppm ASTM 05185n >4 <1 1 1 Silver ppm ASTM 05185n >45 0 2 1 Copper | SAMPLE INFORM | IATION | method | limit/base | current | history1 | history2 | |
| Machine Age hrs Client Info 19997 19820 19806 Oil Age hrs Client Info 0 0 0 Sample Status Client Info Not Changed N/A Sample Status Imbibose Current history1 history2 Water WC Method >0.2 NEG NEG NEG WEAR METALS method limi/base current history1 history2 Water WC Method >0.2 NEG NEG NEG Titanium ppm ASTM 05185m >110 17 30 26 Chromium ppm ASTM 05185m >2 <1 | Sample Number | | Client Info | | GFL0109855 | GFL0102547 | GFL0098598 | |
| Oil Age Inrs Client Info 0 0 0 Oil Changed Client Info Not Changd Changed N/A Sample Status Imitibase Current history1 history2 Water WC Method >0.2 NEG NEG NEG Water WC Method >0.2 NEG NEG NEG Water WC Method >0.2 NEG NEG NEG Uron ppm ASTM D5185m >4 <1 | Sample Date | | Client Info | | 05 Feb 2024 | 28 Nov 2023 | 03 Nov 2023 | |
| Oil ChangedClient InfoNot Changd ABNORMALChanged SEVEREN/ASample StatusImageImageCurrentNistory1Nistory2WaterWC Method>0.2NEGNEGNEGWEAR METALSmethodImil/basecurrentNistory1Nistory2IronppmASTM D5185m>110173026ChromiumppmASTM D5185m>2121NickelppmASTM D5185m>2101SilverppmASTM D5185m>200000AluminumppmASTM D5185m>2000000AdaminumppmASTM D5185m>411111CopperppmASTM D5185m>4111 </td <td>Machine Age</td> <td>hrs</td> <td>Client Info</td> <td></td> <th>19997</th> <td>19820</td> <td>19806</td> | Machine Age | hrs | Client Info | | 19997 | 19820 | 19806 | |
| Sample Status ABNORMAL SEVERE SEVERE CONTAMINATION method limit/base current history1 history2 Water WC Method >0.2 NEG NEG NEG Wear METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >110 17 30 26 Chromium ppm ASTM D5185m >2 <1 | Oil Age | hrs | Client Info | | 0 | 0 | 0 | |
| CONTAMINATION method limit/base current history1 history2 Water WC Method >0.2 NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5165m >4 <1 | Oil Changed | | Client Info | | Not Changd | Changed | N/A | |
| Water WC Method >0.2 NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >44 <1 | <1 | Sample Status | | | | ABNORMAL | SEVERE | SEVERE |
| Water WC Method >0.2 NEG NEG NEG NEG WEAR METALS method limil/base current history1 history2 Iron ppm ASTM D5185m >44 <1 | <1 | CONTAMINATIO | N | method | limit/base | current | historv1 | history2 |
| Iron ppm ASTM D5185m >110 17 30 26 Chromium ppm ASTM D5185m >4 <1 | | | | | | | | |
| Chromium ppm ASTM D5185m >4 <1 1 Nickel ppm ASTM D5185m >2 <1 | WEAR METALS | ; | method | limit/base | current | history1 | history2 | |
| Chromium ppm ASTM D5185m >4 <1 1 Nickel ppm ASTM D5185m >2 <1 | Iron | ppm | ASTM D5185m | >110 | 17 | 30 | 26 | |
| Nickel ppm ASTM D5185m >2 <1 2 <1 Titanium ppm ASTM D5185m >2 0 0 0 Sliver ppm ASTM D5185m >2 0 0 0 Aluminum ppm ASTM D5185m >25 1 3 3 Lead ppm ASTM D5185m >25 60 46 45 Copper ppm ASTM D5185m >4 <1 | Chromium | | ASTM D5185m | >4 | <1 | 1 | 1 | |
| Titanium ppm ASTM D5185m <1 0 <1 Silver ppm ASTM D5185m >2 0 0 0 Aluminum ppm ASTM D5185m >25 1 3 3 Lead ppm ASTM D5185m >45 0 2 1 Copper ppm ASTM D5185m >45 60 46 45 Tin ppm ASTM D5185m >4 <1 | | | | | | | <1 | |
| Silver ppm ASTM D5185m >2 0 0 0 Aluminum ppm ASTM D5185m >25 1 3 3 Lead ppm ASTM D5185m >45 0 2 1 Copper ppm ASTM D5185m >45 60 46 45 Tin ppm ASTM D5185m >4 <1 1 <1 Vanadium ppm ASTM D5185m >4 <1 1 <1 <1 Cadmium ppm ASTM D5185m 0 15 30 11 Barium Barium ppm ASTM D5185m 0 15 30 11 Barium ppm ASTM D5185m 0 2 0 <1 Magnesium ppm ASTM D5185m 0 2 0 <1 Magnesium ppm ASTM D5185m 1010 810 793 829 Calcium ppm ASTM D5185m 1270 </td <td></td> <td></td> <td></td> <td></td> <th></th> <td></td> <td></td> | | | | | | | | |
| Aluminum ppm ASTM D5185m >25 1 3 3 Lead ppm ASTM D5185m >45 0 2 1 Copper ppm ASTM D5185m >85 60 46 45 Tin ppm ASTM D5185m >4 <1 | | | | >2 | | | | |
| Lead ppm ASTM D5185m >45 0 2 1 Copper ppm ASTM D5185m >85 60 46 45 Tin ppm ASTM D5185m >4 <1 | | | | | | | | |
| Copper ppm ASTM D5185m >85 60 46 45 Tin ppm ASTM D5185m >4 <1 | | | | | | | | |
| Tin ppm ASTM D5185m >4 <1 1 <1 Vanadium ppm ASTM D5185m 0 0 0 Cadmium ppm ASTM D5185m 0 15 30 11 Boron ppm ASTM D5185m 0 15 30 11 Barium ppm ASTM D5185m 0 60 61 60 69 Manganese ppm ASTM D5185m 0 <1 | | | | | | | | |
| Vanadium ppm ASTM D5185m <1 <1 <1 0 Cadmium ppm ASTM D5185m 0 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 15 30 11 Barium ppm ASTM D5185m 0 0 2 0 Molybdenum ppm ASTM D5185m 0 61 60 69 Manganese ppm ASTM D5185m 0 <1 0 <1 Qalcium ppm ASTM D5185m 1010 810 793 829 Calcium ppm ASTM D5185m 1010 840 925 925 Phosphorus ppm ASTM D5185m 1270 1063 1087 1158 Sulfur ppm ASTM D5185m 2060 2621 2313 2774 CONTAMINANTS method limit/base current< | | | | | | | | |
| Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 15 30 11 Barium ppm ASTM D5185m 0 0 2 0 Molybdenum ppm ASTM D5185m 0 0 2 0 Marganese ppm ASTM D5185m 0 <1 0 <1 0 <1 Magnesium ppm ASTM D5185m 1010 810 793 829 Calcium ppm ASTM D5185m 1010 810 793 829 Calcium ppm ASTM D5185m 1070 889 894 925 Sulfur ppm ASTM D5185m 1070 889 894 925 Sulfur ppm ASTM D5185m 1270 1063 1087 1158 Sulfur ppm ASTM D5185m <th< td=""><td></td><td></td><td></td><td>>4</td><th></th><td></td><td></td></th<> | | | | >4 | | | | |
| ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 15 30 11 Barium ppm ASTM D5185m 0 0 2 0 Molybdenum ppm ASTM D5185m 60 61 60 69 Marganese ppm ASTM D5185m 0 <1 | | | | | | | | |
| Boron ppm ASTM D5185m 0 15 30 11 Barium ppm ASTM D5185m 0 0 2 0 Molybdenum ppm ASTM D5185m 60 61 60 69 Manganese ppm ASTM D5185m 0 <1 | | ppm | | | U | U | - | |
| Barium ppm ASTM D5185m 0 0 2 0 Molybdenum ppm ASTM D5185m 60 61 60 69 Manganese ppm ASTM D5185m 0 <1 | ADDITIVES | | method | limit/base | current | history1 | history2 | |
| Molybdenum ppm ASTM D5185m 60 61 60 69 Manganese ppm ASTM D5185m 0 <1 | Boron | ppm | ASTM D5185m | 0 | 15 | 30 | 11 | |
| Maganese ppm ASTM D5185m 0 <1 0 <1 Magnesium ppm ASTM D5185m 1010 810 793 829 Calcium ppm ASTM D5185m 1070 889 894 925 Phosphorus ppm ASTM D5185m 1150 911 878 947 Zinc ppm ASTM D5185m 1270 1063 1087 1158 Sulfur ppm ASTM D5185m 2060 2621 2313 2774 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >30 7 15 15 Sodium ppm ASTM D5185m >20 3 11 10 Fuel % ASTM D5185m >20 3 11.3 9.7 Glycol % *ASTM D524 >5 A 6.6 11.3 9.7 Glycol % *ASTM D7844 >3 | Barium | ppm | ASTM D5185m | 0 | 0 | 2 | 0 | |
| Magnesium ppm ASTM D5185m 1010 810 793 829 Calcium ppm ASTM D5185m 1070 889 894 925 Phosphorus ppm ASTM D5185m 1150 911 878 947 Zinc ppm ASTM D5185m 1270 1063 1087 1158 Sulfur ppm ASTM D5185m 2060 2621 2313 2774 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >30 7 15 15 Sodium ppm ASTM D5185m >20 3 11 10 Fuel % ASTM D5185m >20 3 11.3 9.7 Glycol % *ASTM D5185m >20 3 11.3 9.7 Glycol % *ASTM D524 >5 KeG NEG NEG NEG NFRA-RED method limi | Molybdenum | ppm | ASTM D5185m | 60 | 61 | 60 | 69 | |
| Calcium ppm ASTM D5185m 1070 889 894 925 Phosphorus ppm ASTM D5185m 1150 911 878 947 Zinc ppm ASTM D5185m 1270 1063 1087 1158 Sulfur ppm ASTM D5185m 2060 2621 2313 2774 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >30 7 15 15 Sodium ppm ASTM D5185m >30 7 15 15 Sodium ppm ASTM D5185m >30 7 15 15 Sodium ppm ASTM D5185m >20 3 11 10 Fuel % ASTM D5185m >20 3 11.3 9.7 Glycol % *ASTM D2982 NEG NEG NEG NEG Nitration Abs/cm< *ASTM D7844 | Manganese | ppm | ASTM D5185m | 0 | <1 | 0 | <1 | |
| Phosphorus ppm ASTM D5185m 1150 911 878 947 Zinc ppm ASTM D5185m 1270 1063 1087 1158 Sulfur ppm ASTM D5185m 2060 2621 2313 2774 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >30 7 15 15 Sodium ppm ASTM D5185m >30 7 15 15 Sodium ppm ASTM D5185m >20 3 11 0 Fuel % ASTM D5185m >20 3 11 10 Fuel % ASTM D5185m >20 3 11.3 9.7 Glycol % *ASTM D5185m >20 3 11.3 9.7 Glycol % *ASTM D5185m >20 3 0.6 0.6 0.6 INFRA-RED method limit/base | Magnesium | ppm | ASTM D5185m | 1010 | 810 | 793 | 829 | |
| Zinc ppm ASTM D5185m 1270 1063 1087 1158 Sulfur ppm ASTM D5185m 2060 2621 2313 2774 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >30 7 15 15 Sodium ppm ASTM D5185m >30 7 15 15 Sodium ppm ASTM D5185m >20 3 11 10 Fuel % ASTM D5185m >20 3 11 10 Fuel % ASTM D5185m >20 3 11 10 Fuel % ASTM D524 >5 6.6 11.3 9.7 Glycol % *ASTM D2982 NEG NEG NEG NEG INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7624 >0 8.7 | Calcium | ppm | ASTM D5185m | 1070 | 889 | 894 | 925 | |
| Zinc ppm ASTM D5185m 1270 1063 1087 1158 Sulfur ppm ASTM D5185m 2060 2621 2313 2774 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >30 7 15 15 Sodium ppm ASTM D5185m >30 7 15 15 Sodium ppm ASTM D5185m >30 7 15 15 Sodium ppm ASTM D5185m >20 3 11 10 Fuel % ASTM D524 >5 ▲ 6.6 11.3 ● 9.7 Glycol % *ASTM D2982 NEG NEG NEG INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7624 >20 8.7 11.2 7.7 Sulfation Abs/.tmm *ASTM D7415 >30 19.6 <td>Phosphorus</td> <td>ppm</td> <td>ASTM D5185m</td> <td>1150</td> <th>911</th> <td>878</td> <td>947</td> | Phosphorus | ppm | ASTM D5185m | 1150 | 911 | 878 | 947 | |
| SulfurppmASTM D5185m2060262123132774CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>3071515SodiumppmASTM D5185m>3071515SodiumppmASTM D5185m>2031110Fuel%ASTM D5185m>2031110Fuel%ASTM D5185m>20311.39.7Glycol%*ASTM D2982NEGNEGNEGINFRA-REDmethodlimit/basecurrenthistory1history2Soot %%*ASTM D7844>30.50.60.6NitrationAbs/cm*ASTM D7624>208.711.27.7SulfationAbs/.1mm*ASTM D7415>3019.619.720.4FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2OxidationAbs/.1mm*ASTM D7414>2515.818.815.4 | | | ASTM D5185m | 1270 | 1063 | 1087 | 1158 | |
| Silicon ppm ASTM D5185m >30 7 15 15 Sodium ppm ASTM D5185m >30 7 15 15 Sodium ppm ASTM D5185m >20 3 11 10 Potassium ppm ASTM D5185m >20 3 11 10 Fuel % ASTM D524 >5 ▲ 6.6 11.3 ● 9.7 Glycol % *ASTM D2982 NEG NEG NEG INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.5 0.6 0.6 Nitration Abs/cm *ASTM D7624 >20 8.7 11.2 7.7 Sulfation Abs/.tmm *ASTM D7415 >30 19.6 19.7 20.4 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.tmm *ASTM D7414 >25 15.8 18.8 15.4 | Sulfur | • • | | | | 2313 | 2774 | |
| Sodium ppm ASTM D5185m A 361 517 444 Potassium ppm ASTM D5185m >20 3 11 10 Fuel % ASTM D3524 >5 A 6.6 11.3 9.7 Glycol % *ASTM D2982 NEG NEG NEG INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.5 0.6 0.6 Nitration Abs/cm *ASTM D7624 >20 8.7 11.2 7.7 Sulfation Abs/.1mm *ASTM D7415 >30 19.6 19.7 20.4 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 15.8 18.8 15.4 | CONTAMINANT | S | method | limit/base | current | history1 | history2 | |
| Potassium ppm ASTM D5185m >20 3 11 10 Fuel % ASTM D3524 >5 6.6 11.3 9.7 Glycol % *ASTM D3524 >5 6.6 11.3 9.7 Glycol % *ASTM D2982 NEG NEG NEG INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.5 0.6 0.6 Nitration Abs/cm *ASTM D7624 >20 8.7 11.2 7.7 Sulfation Abs/.1mm *ASTM D7415 >30 19.6 19.7 20.4 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 15.8 18.8 15.4 | Silicon | ppm | ASTM D5185m | >30 | 7 | 15 | 15 | |
| Potassium ppm ASTM D5185m >20 3 11 10 Fuel % ASTM D3524 >5 6.6 11.3 9.7 Glycol % *ASTM D2982 NEG NEG NEG INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.5 0.6 0.6 Nitration Abs/cm *ASTM D7624 >20 8.7 11.2 7.7 Sulfation Abs/.1mm *ASTM D7615 >30 19.6 19.7 20.4 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 15.8 18.8 15.4 | Sodium | ppm | ASTM D5185m | | <u> </u> | 5 17 | 4 44 | |
| Fuel % ASTM D3524 >5 ▲ 6.6 11.3 9.7 Glycol % *ASTM D2982 NEG NEG NEG INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.5 0.6 0.6 Nitration Abs/cm *ASTM D7624 >20 8.7 11.2 7.7 Sulfation Abs/.1mm *ASTM D7415 >30 19.6 19.7 20.4 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 15.8 18.8 15.4 | | | | | | | 10 | |
| Glycol%*ASTM D2982NEGNEGNEGINFRA-REDmethodlimit/basecurrenthistory1history2Soot %%*ASTM D7844>30.50.60.6NitrationAbs/cm*ASTM D7624>208.711.27.7SulfationAbs/.tmm*ASTM D7415>3019.619.720.4FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2OxidationAbs/.tmm*ASTM D7414>2515.818.815.4 | Fuel | % | ASTM D3524 | >5 | 6 .6 | • 11.3 | 9.7 | |
| Soot % % *ASTM D7844 >3 0.5 0.6 0.6 Nitration Abs/cm *ASTM D7624 >20 8.7 11.2 7.7 Sulfation Abs/.1mm *ASTM D7415 >30 19.6 19.7 20.4 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 15.8 18.8 15.4 | Glycol | % | | | | | NEG | |
| Nitration Abs/cm *ASTM D7624 >20 8.7 11.2 7.7 Sulfation Abs/.1mm *ASTM D7615 >30 19.6 19.7 20.4 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 15.8 18.8 15.4 | INFRA-RED | | method | limit/base | current | history1 | history2 | |
| Nitration Abs/cm *ASTM D7624 >20 8.7 11.2 7.7 Sulfation Abs/.1mm *ASTM D7615 >30 19.6 19.7 20.4 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 15.8 18.8 15.4 | Soot % | % | *ASTM D7844 | >3 | 0.5 | 0.6 | 0.6 | |
| Sulfation Abs/.1mm *ASTM D7415 >30 19.6 19.7 20.4 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 15.8 18.8 15.4 | | | | | | | | |
| Oxidation Abs/.1mm *ASTM D7414 >25 15.8 18.8 15.4 | | | | | | | | |
| | FLUID DEGRAD | ATION | method | limit/base | current | history1 | history2 | |
| | Oxidation | Abs/.1mm | *ASTM D7414 | >25 | 15.8 | 18.8 | 15.4 | |
| | | mg KOH/g | | | 8.8 | 12.2 | 9.7 | |

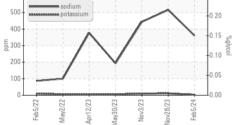


OIL ANALYSIS REPORT









| | | | method | limit/base | current | history1 | history2 |
|---|---|-------------------------------------|--|--|---|-------------------------------|--|
| | White Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| | Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| | Precipitate | scalar | *Visual | NONE | NONE | NONE | NONE |
| | Silt | scalar | *Visual | NONE | NONE | NONE | NONE |
| | Debris | scalar | *Visual | NONE | NONE | NONE | NONE |
| | Sand/Dirt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Nav28/23 Feb5/24 | Appearance | scalar | *Visual | NORML | NORML | NORML | NORML |
| Nov | Odor | scalar | *Visual | NORML | NORML | NORML | NORML |
| | Emulsified Water | scalar | *Visual | >0.2 | NEG | NEG | NEG |
| T ^{0.25} | Free Water | scalar | *Visual | | NEG | NEG | NEG |
| 0.20 | FLUID PROPE | RTIES | method | limit/base | current | history1 | history2 |
| 0.15 e | Visc @ 100°C | cSt | ASTM D445 | 15.4 | 12.1 | 12.0 | 11.8 |
| -0.10 ⁸ | GRAPHS | | | | | | |
| -0.05 | Ferrous Alloys | | | | | | |
| | 70 T | | | | | | |
| Nov28/23 - | 60 - chromium | | | | | | |
| Fel | 50 nickel | | | | | | |
| | = 40 | | | | | | |
| | E 30 | | | | | | |
| \wedge | 20 | <u> </u> | | | | | |
| | 10- | | | | | | |
| | | | | | | | |
| | 0 - 1 1 1 | /23- | 123 | /24 | | | |
| | Feb5/22 May2/22 Apr12/23 | May30/23 | Nov3/23 Nov28/23 | Feb5/24 | | | |
| | Non-ferrous Meta | | 2 | | | | |
| Nov3/23 - Jov28/23 - | ⁶⁰ T | 15 | | | | | |
| Nov3/23 Nov28/23 E-4 E 12 A | 50- copper | | | | | | |
| | | | | | | | |
| | essesses tin | | | | | | |
| т 0.25 | 40 | | \square | | | | |
| 0.25 | | | \square | | | | |
| 0.20 | 40 | / | \square | | | | |
| 0.20 | 40 - 톨 30 - 20 - | / | \square | | | | |
| | 40 <u>E</u> 30 20 10 | / | F | | | | |
| 0.20 0.15 are 0.10 g | 40 E 30 20 10 0 | 23 | 23 | 24 | | | |
| -0.20 -0.15 ge -0.10 -0.05 | 40 E 30 20 10 0 | a/30/22 | | Feb5/24 | | | |
| 0.20 0.15 gr | 40 May2/22 Apri12/23 Apri12/23 | EZ/05/keW | Nov2R23 | Feb5/24 | | | |
| -0.20 -0.15 ge -0.10 -0.05 | 40 40 20 20 20 20 20 20 20 20 20 2 | | | trigger | Base Numbe | 2r | |
| 0.20 0.15 gr | 40 40 20 20 20 20 20 20 20 20 20 2 | | | 14 | .0 | er | |
| 0.20 0.15 gr | 40 40 40 40 40 40 40 40 40 40 | | | 14 | .0 .0 | er | |
| 0.20 0.15 gr | 40 40 40 40 40 40 40 40 40 40 | | | 14 | .0 .0 .0 Base | er | |
| 0.20 0.15 gr | 40 40 40 40 40 40 40 40 40 40 | | | 14 | 0 0 0 Base | er | |
| 0.20 0.15 gr | 40 40 40 40 40 40 40 40 40 40 | | | 14 | .0 .0 .0 Base | er | |
| 0.20 0.15 gr | 40 40 40 40 40 40 40 40 40 40 | | | 14 12 (⁰)HO3 ¹⁰ Bu ¹⁰ Jaquing 6 | 0 0 0 Base | er | |
| 0.20 0.15 gr | 40 40 40 40 40 40 40 40 40 40 | | | 14 12 (B) HOY BUI Jagen 3 agen 4 | .0 0 Вазе .0 0 | 2r | |
| 0.20 0.15 gr | 40 40 40 40 40 40 40 40 40 40 | | Nov28/23 | 14 12 (0)HOJ Bul) Jaquing 4 2 0 | Base 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | |
| 0.20 0.15 gr | 40 40 40 40 40 40 40 40 40 40 | | Nov28/23 | 14 12 (0)HOJ Bul) Jaquing 4 2 0 | Base 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | 63623 |
| 0.20 0.15 gr | 40 40 40 40 40 40 40 40 40 40 | | | 14 12 (^(b) H0) ^(b) ⁽ | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Apr12/23 | Nov26723 |
| 0.20 0.15 0.00 0.00 0.00 0.00 0.00 | 40 40 40 40 40 40 40 40 40 40 | May30/23 | Nov28/23 | 14 12 12 10 10 10 10 10 10 10 10 10 10 10 10 10 | Hab5/222 | Apr12/23 May30/23 | 2 |
| C 20 0.15 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 40 40 40 40 40 40 40 40 40 40 | May30/23 | EZ/82/00N EZ/82/00N n Ave., Cary | 14 12 12 10 10 10 10 10 10 10 10 10 10 10 10 10 | Hab5/222 | Environmental - 8 | 2 |
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* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

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