

Machine Id **ARBURG 11 (S/N 189429)** Component **Hydraulic System** Fluid **AW HYDRAULIC OIL ISO 46 (--- GAL)**

| RECOMMENDATION | |
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Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

WEAR

All component wear rates are normal.

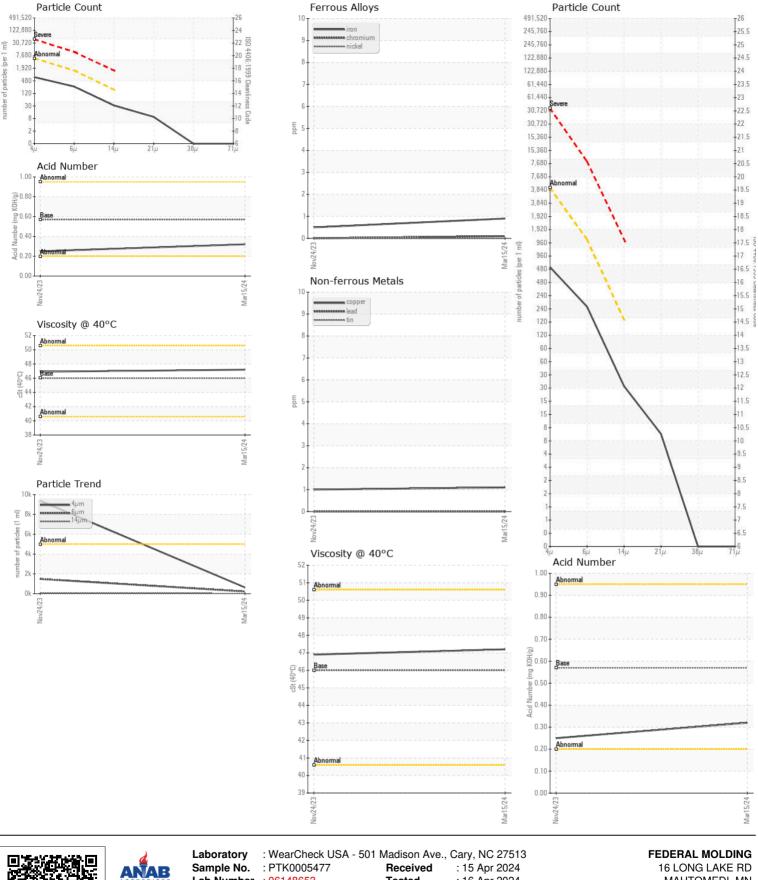
CONTAMINATION

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

FLUID CONDITION

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

| Test UOM Method Limit/Mo Current History1 History2 Sample Dumber Client Info 15 Mar 2024 24 Nov 2023 Machine Age hrs Client Info 0 0 Oil Age hrs Client Info 0 0 Oil Age hrs Client Info N/A N/A Filter Age hrs Client Info N/A N/A Sample Status - N/A N/A Iron ppm ASTM 5f88m >20 Chromium ppm ASTM 5f88m >10 0 0 Silver ppm ASTM 5f88m >10 0 0 Aluminum ppm ASTM 5f88m >10 0 0 Aluminum ppm ASTM 5f88m >10 0 0 Vanadium ppm <th></th> <th></th> <th></th> <th></th> <th><u> </u></th> <th></th> <th></th> | | | | | <u> </u> | | |
|---|------------------|--------|-------------|-----------|-------------|-------------|----------|
| Sample Date Client Info 15 Mar 2024 24 Nov 2023 Machine Age hrs Client Info 0 0 Oil Age hrs Client Info 0 0 Oil Changed Client Info N/A N/A N/A Filter Age hrs Client Info N/A N/A N/A Sample Status Client Info N/A N/A N/A Iron ppm ASTM D5185m >20 <1 <1 Nickel ppm ASTM D5185m >10 0 0 Nickel ppm ASTM D5185m >10 0 0 Aluminum ppm ASTM D5185m >10 0 0 Vanadium ppm ASTM D5185m >10 0 0 Vanadium ppm ASTM D5185m >20 0 0 Vana | Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
| Machine Age hrs Client Info 0 0 Oil Age hrs Client Info 0 0 Filter Age hrs Client Info N/A N/A N/A Filter Changed Client Info N/A N/A N/A Sample Status Client Info N/A N/A ATTENTION Iron ppm ASTM 05185m >20 <1 <1 Nickel ppm ASTM 05185m >10 0 0 Silver ppm ASTM 05185m >10 0 0 Copper ppm ASTM 05185m >10 0 0 Visual NONE NONE NONE NONE NONE Visual NONE NONE NONE NONE Silicon ppm ASTM 05185m >20 0 0 Vist | Sample Number | | Client Info | | PTK0005477 | PTK0005107 | |
| Oil Age hrs Client Info 0 0 Filter Age hrs Client Info N/A N/A N/A Oil Changed Client Info N/A N/A N/A Sample Status N/A N/A ATTENTION Iron ppm ASTM D5185m >20 <1 Nickel ppm ASTM D5185m >10 0 0 Nickel ppm ASTM D5185m >10 0 0 Aluminum ppm ASTM D5185m >10 0 0 Vanadium ppm ASTM D5185m >10 0 0 Vanadium ppm ASTM D5185m >0 0 Vanadium ppm ASTM D5185m >20 1 1 Vanadium ppm ASTM D5185m >20 0 0 Van | Sample Date | | Client Info | | 15 Mar 2024 | 24 Nov 2023 | |
| Filter Age hrs Client Info 0 0 Oil Changed Client Info N/A N/A N/A Filter Changed Client Info N/A N/A N/A Sample Status Client Info N/A N/A N/A Iron ppm ASTM D5185m >10 C1 Nickel ppm ASTM D5185m >10 0 0 Silver ppm ASTM D5185m >10 0 0 Lead ppm ASTM D5185m >10 0 0 Vanadium ppm ASTM D5185m >10 0 0 Vanadium ppm ASTM D5185m >10 0 0 Vanadium ppm ASTM D5185m >20 0 0 Vellow Metal scalar *Visual NONE NONE NONE | Machine Age | hrs | Client Info | | 0 | 0 | |
| Oil Changed Client Info N/A N/A N/A N/A Filter Changed Client Info N/A N/A ATTENTION Sample Status NORMAL ATTENTION ATTENTION Iron ppm ASTM D5185m >10 <1 0 Nickel ppm ASTM D5185m 0 0 Silver ppm ASTM D5185m 10 0 0 Aluminum ppm ASTM D5185m >10 0 0 Copper ppm ASTM D5185m >10 0 0 Vanadium ppm ASTM D5185m >20 1 1 Veltow Metal scalar *Visual NONE NONE NONE Veltow Metal scalar *Visual NONE NONE Veltow Metal scalar *Visual NONE< | Oil Age | hrs | Client Info | | 0 | 0 | |
| Filter Changed Client Info N/A N/A Sample Status Vian NORMAL ATTENTION Iron ppm ASTM D5185m >20 <1 <1 Chromium ppm ASTM D5185m >10 0 0 Nickel ppm ASTM D5185m 0 0 0 Aluminum ppm ASTM D5185m 10 0 0 Aluminum ppm ASTM D5185m >10 0 0 Aluminum ppm ASTM D5185m >10 0 0 Vanadium ppm ASTM D5185m >10 0 0 Veliow Metal scalar *Visual NONE NONE NONE Silicon ppm ASTM D5185m >20 1 1 Silicon ppm ASTM D5185m >20 0 0 <th>Filter Age</th> <th>hrs</th> <th>Client Info</th> <th></th> <th>0</th> <th>0</th> <th></th> | Filter Age | hrs | Client Info | | 0 | 0 | |
| Sample Status NORMAL ATTENTION Iron ppm ASTM D5185m >20 <1 <1 Chromium ppm ASTM D5185m >10 O 0 Nickel ppm ASTM D5185m >10 O 0 Silver ppm ASTM D5185m >10 O 0 Lead ppm ASTM D5185m >10 O 0 Copper ppm ASTM D5185m >10 O 0 Vanadium ppm ASTM D5185m >10 O 0 Vanadium ppm ASTM D5185m >20 0 0 Vellow Metal scalar *Visual NONE NONE NONE Silicon ppm ASTM D5185m >20 0 0 Vater WC Method >0.1 NEG | Oil Changed | | Client Info | | N/A | N/A | |
| Iron ppm ASTM D5185m >20 <1 | Filter Changed | | Client Info | | N/A | N/A | |
| Chromium pm ASTM D5185m >10 <1 | Sample Status | | | | NORMAL | ATTENTION | |
| Chromium pm ASTM D5185m >10 <1 | | | | | | | |
| Nickel ppm ASTM D5185m >10 0 0 Titanium ppm ASTM D5185m 0 0 0 Silver ppm ASTM D5185m >10 0 0 Aluminum ppm ASTM D5185m >10 0 0 Lead ppm ASTM D5185m >10 0 0 Copper ppm ASTM D5185m >10 0 0 Vanadium ppm ASTM D5185m >10 0 0 Vanadium ppm ASTM D5185m >20 1 1 Vellow Metal scalar *Visual NONE NONE NONE Silicon ppm ASTM D5185m >20 1 1 Particles >4µm ASTM D7647 >100 0 Particles >6µm ASTM D7647 >3 0 0 </th <th>-</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> | - | | | | | | |
| Titanium ppm ASTM D5185m 0 0 | | | | - | | | |
| Silver ppm ASTM D5185m 0 0 | | | | >10 | - | | |
| Aluminum ppm ASTM D5185m >10 0 0 Lead ppm ASTM D5185m >10 0 0 Copper ppm ASTM D5185m >75 1 1 Vanadium ppm ASTM D5185m >10 0 0 Vanadium ppm ASTM D5185m >10 0 0 Vanadium ppm ASTM D5185m >10 0 0 Vanadium ppm ASTM D5185m >20 0 0 0 Yellow Metal scalar *Visual NONE NONE NONE Paticles >4µm ASTM D7647 >5000 630 9367 Particles >4µm ASTM D7647 >1300 224 1486 Particles >4µm ASTM D7647 >40 8 7 Particles >4µm ASTM D7647 >10 0 <td< th=""><th></th><th>ppm</th><th></th><th></th><th>-</th><th>-</th><th></th></td<> | | ppm | | | - | - | |
| Lead ppm ASTM D5185m >10 0 0 Copper ppm ASTM D5185m >75 1 1 Tin ppm ASTM D5185m >10 0 0 Vanadium ppm ASTM D5185m >10 0 0 Vanadium ppm ASTM D5185m >10 0 0 Vanadium ppm ASTM D5185m >20 1 1 Yellow Metal scalar *Visual NONE NONE NONE Potassium ppm ASTM D5185m >20 0 0 Particles >4µm ASTM D7647 >5000 630 9367 Particles >4µm ASTM D7647 >1300 224 1486 Particles >1µm ASTM D7647 >10 0 0 Particles >1µm ASTM D7647 >10 0 | | | | | - | - | |
| Copper ppm ASTM D5185m >75 1 1 Tin ppm ASTM D5185m >10 0 0 Vanadium ppm ASTM D5185m 0 0 0 White Metal scalar *Visual NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE Silicon ppm ASTM D5185m >20 0 0 Patiseles s4µm ASTM D5185m >20 0 0 Particles >4µm ASTM D7647 >5000 630 9367 Particles >5µm ASTM D7647 >160 28 37 Particles >21µm ASTM D7647 >40 8 7 Particles >38µm ASTM D7647 >10 0 0 Silt scalar *Visual NONE NONE | | | | | - | - | |
| Tin ppm ASTM D5185m >10 0 0 | | | | | - | - | |
| Vanadium ppm ASTM D5185m 0 0 White Metal scalar *Visual NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE Silicon ppm ASTM D5185m >20 0 0 Potassium ppm ASTM D5185m >20 0 0 Water WC Method >0.1 NEG NEG Particles >4µm ASTM D7647 >1300 224 -1486 Particles >50µm ASTM D7647 >10 0 0 Particles >14µm ASTM D7647 >10 0 0 Particles >38µm ASTM D7647 >30 0 Oil Cleanliness ISO 4406 (c) >19/17/14 16/15/12 20/18/12 Silt scalar *Visual NORE NORE | | | | | - | | |
| White Metal scalar *Visual NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE Silicon ppm ASTM D5185m >20 0 0 Potassium ppm ASTM D5185m >20 0 0 Water WC Method >0.1 NEG NEG Particles >4µm ASTM D7647 >1300 224 1486 Particles >14µm ASTM D7647 >100 0 0 Particles >21µm ASTM D7647 >10 0 0 Particles >21µm ASTM D7647 >3 0 0 Particles >21µm ASTM D7647 >3 0 0 Particles >21µm ASTM D7647 >3 0 0 Silt scalar *Visual NONE NONE Sold Leanlin | | | | >10 | | - | |
| Yellow Metal scalar *Visual NONE NONE NONE Silicon ppm ASTM D5185m >20 0 0 Potassium ppm ASTM D5185m >20 0 0 Water WC Method >0.1 NEG NEG Particles >4µm ASTM D7647 >5000 630 9367 Particles >6µm ASTM D7647 >160 28 37 Particles >14µm ASTM D7647 >40 8 7 Particles >38µm ASTM D7647 >3 0 0 Particles >71µm ASTM D7647 >3 0 0 Silt scalar *Visual NONE NONE NONE Debris scalar *Visual NONE NONE NORML Appearance scalar *Visual NORML NORML NORML | | | | | - | - | |
| Silicon ppm ASTM D5185m >20 1 1 Potassium ppm ASTM D5185m >20 0 0 Water WC Method >0.1 NEG NEG Particles >4µm ASTM D7647 >5000 630 9367 Particles >6µm ASTM D7647 >1300 224 1486 Particles >14µm ASTM D7647 >160 28 37 Particles >38µm ASTM D7647 >40 8 7 Particles >71µm ASTM D7647 >3 0 0 Particles >71µm ASTM D7647 >3 0 0 Sollt scalar *Visual NONE NONE NONE Debris scalar *Visual NONE NORML NORML Appearance scalar *Visual NORML NORML NORML NORML <th></th> <th></th> <th></th> <th>-</th> <th>-</th> <th>_</th> <th></th> | | | | - | - | _ | |
| Potassium ppm ASTM D5185m >20 0 0 | Yellow Metal | scalar | *Visual | NONE | NONE | NONE | |
| Potassium ppm ASTM D5185m >20 0 0 | Silicon | nom | ASTM D5185m | >20 | 1 | 1 | |
| Water WC Method >0.1 NEG NEG Particles >4µm ASTM D7647 >5000 630 9367 Particles >6µm ASTM D7647 >1300 224 1486 Particles >14µm ASTM D7647 >160 28 37 Particles >21µm ASTM D7647 >40 8 7 Particles >38µm ASTM D7647 >3 0 0 Particles >71µm ASTM D7647 >3 0 0 Oil Cleanliness ISO 4406 (c) 19/17/14 16/15/12 20/18/12 Silt scalar *Visual NONE NONE NONE Sand/Dirt scalar *Visual NORM NORML NORML Appearance scalar *Visual NORML NORML NORML Godor scalar *Visual NORML NORML NORML < | | | | | - | | |
| Particles >4μm ASTM D7647 >5000 630 9367 Particles >6μm ASTM D7647 >1300 224 1486 Particles >14μm ASTM D7647 >160 28 37 Particles >21μm ASTM D7647 >40 8 7 Particles >38µm ASTM D7647 >10 0 0 Particles >71µm ASTM D7647 >3 0 0 Particles >71µm ASTM D7647 >3 0 0 Oil Cleanliness ISO 4406 (c) 19/17/14 16/15/12 20/18/12 Silt scalar *Visual NONE NONE NONE Sand/Dirt scalar *Visual NORH NORM NORML Appearance scalar *Visual NORM NORML NORML Boron ppm ASTM D5185m 5 0 0 | | PPIII | | | - | - | |
| Particles >6μm ASTM D7647 >1300 224 1486 Particles >14μm ASTM D7647 >160 28 37 Particles >21μm ASTM D7647 >40 8 7 Particles >38µm ASTM D7647 >10 0 0 Particles >71µm ASTM D7647 >3 0 0 Oil Cleanliness ISO 4406 (c) >19/17/14 16/15/12 20/18/12 Silt scalar *Visual NONE NONE NONE Sad/Dirt scalar *Visual NONE NONE NONE Appearance scalar *Visual NORML NORML NORML Odor scalar *Visual NORM NORML NORML Boron ppm ASTM D5185m 5 0 0 Barium ppm ASTM D5185m 5 0 0 < | | | | | | | |
| Particles >14μm ASTM D7647 >160 28 37 Particles >21μm ASTM D7647 >40 8 7 Particles >38μm ASTM D7647 >10 0 0 Particles >71μm ASTM D7647 >3 0 0 Particles >71μm ASTM D7647 >3 0 0 Oil Cleanliness ISO 4406 (c) >19/171/4 16/15/12 20/18/12 Silt scalar *Visual NONE NONE NONE Debris scalar *Visual NONE NONE NONE Sand/Dirt scalar *Visual NORM NORML NORML Appearance scalar *Visual NORM NORML NORML Odor scalar *Visual NORML NORML NORML Boron ppm ASTM D5185m 5 0 0 | | | | | | | |
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| Particles >38µm ASTM D7647 >10 0 0 Particles >71µm ASTM D7647 >3 0 0 Oil Cleanliness ISO 4406 (c) >19/17/14 16/15/12 20/18/12 Silt scalar *Visual NONE NONE NONE Debris scalar *Visual NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE Appearance scalar *Visual NORML NORML NORML Odor scalar *Visual NORML NORML NORML Odor scalar *Visual NORML NORML Odor scalar *Visual NORML NORML NORML Boron ppm ASTM D5185m 5 0 0 Malganese ppm ASTM D5185m | | | | | - | | |
| Particles >71μm ASTM D7647 >3 0 0 Oil Cleanliness ISO 4406 (c) >19/17/14 16/15/12 20/18/12 Silt scalar *Visual NONE NONE NONE Debris scalar *Visual NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE Appearance scalar *Visual NORML NORML NORML Odor scalar *Visual NORML NORML NORML Odor scalar *Visual NORML NORML NORML Odor scalar *Visual >0.1 NEG Sodium ppm ASTM D5185m 5 0 0 Boron ppm ASTM D5185m 5 0 0 Malganese ppm ASTM D5185m | | | | | | | |
| Oil Cleanliness ISO 4406 (c) >19/17/14 16/15/12 20/18/12 Silt scalar *Visual NONE NONE NONE Debris scalar *Visual NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE Appearance scalar *Visual NORL NORML NORML Odor scalar *Visual NORL NORML NORML Emulsified Water scalar *Visual >0.1 NEG NEG Sodium ppm ASTM D5185m 5 0 0 Boron ppm ASTM D5185m 5 0 0 Molybdenum ppm ASTM D5185m 5 0 0 Magnesium ppm ASTM D5185m 20 52 51 Phosphorus ppm <td< th=""><th></th><th></th><th></th><th></th><th>-</th><th>-</th><th></th></td<> | | | | | - | - | |
| Siltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m500BoronppmASTM D5185m500BariumppmASTM D5185m500MolybdenumppmASTM D5185m500MagnesiumppmASTM D5185m2005251PhosphorusppmASTM D5185m300334359ZincppmASTM D5185m370438448SulfurppmASTM D5185m250021611863Acid Number (AN)mg KOH/gASTM D5185m250021611863 | | | | >19/17/14 | 16/15/12 | 20/18/12 | |
| Sand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m500BoronppmASTM D5185m500BariumppmASTM D5185m500MolybdenumppmASTM D5185m500MagnesiumppmASTM D5185m25107MagnesiumppmASTM D5185m2005251PhosphorusppmASTM D5185m300334359ZincppmASTM D5185m370438448SulfurppmASTM D5185m250021611863Acid Number (AN)mg KOH/gASTM D80450.570.320.25 | | scalar | | | | | |
| Sand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m500BoronppmASTM D5185m500BariumppmASTM D5185m500MolybdenumppmASTM D5185m500MagnesiumppmASTM D5185m25107MagnesiumppmASTM D5185m2005251PhosphorusppmASTM D5185m300334359ZincppmASTM D5185m370438448SulfurppmASTM D5185m250021611863Acid Number (AN)mg KOH/gASTM D80450.570.320.25 | Debris | scalar | | | - | | |
| Odorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m500BoronppmASTM D5185m500BariumppmASTM D5185m500MolybdenumppmASTM D5185m500MagneseppmASTM D5185m25107MagnesiumppmASTM D5185m2005251PhosphorusppmASTM D5185m300334359ZincppmASTM D5185m370438448SulfurppmASTM D5185m250021611863Acid Number (AN)mg KOH/gASTM D80450.570.320.25 | | | | | | | |
| Odorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m500BoronppmASTM D5185m500BariumppmASTM D5185m500MolybdenumppmASTM D5185m500MagneseppmASTM D5185m25107MagnesiumppmASTM D5185m2005251PhosphorusppmASTM D5185m300334359ZincppmASTM D5185m370438448SulfurppmASTM D5185m250021611863Acid Number (AN)mg KOH/gASTM D80450.570.320.25 | Appearance | scalar | *Visual | NORML | NORML | NORML | |
| Sodium ppm ASTM D5185m <1 | Odor | scalar | *Visual | NORML | NORML | NORML | |
| Boron ppm ASTM D5185m 5 0 0 Barium ppm ASTM D5185m 5 0 0 Molybdenum ppm ASTM D5185m 5 0 0 Manganese ppm ASTM D5185m 25 0 0 Magnesium ppm ASTM D5185m 25 10 7 Calcium ppm ASTM D5185m 200 52 51 Phosphorus ppm ASTM D5185m 300 334 359 Zinc ppm ASTM D5185m 370 438 448 Sulfur ppm ASTM D5185m 2500 2161 1863 Acid Number (AN) mg KOH/g ASTM D8045 0.57 0.32 0.25 | Emulsified Water | scalar | *Visual | >0.1 | NEG | NEG | |
| Boron ppm ASTM D5185m 5 0 0 Barium ppm ASTM D5185m 5 0 0 Molybdenum ppm ASTM D5185m 5 0 0 Manganese ppm ASTM D5185m 25 0 0 Magnesium ppm ASTM D5185m 25 10 7 Calcium ppm ASTM D5185m 200 52 51 Phosphorus ppm ASTM D5185m 300 334 359 Zinc ppm ASTM D5185m 370 438 448 Sulfur ppm ASTM D5185m 2500 2161 1863 Acid Number (AN) mg KOH/g ASTM D8045 0.57 0.32 0.25 | | | | | | | |
| Barium ppm ASTM D5185m 5 0 0 Molybdenum ppm ASTM D5185m 5 0 0 Manganese ppm ASTM D5185m 25 0 0 Magnesium ppm ASTM D5185m 25 10 7 Calcium ppm ASTM D5185m 200 52 51 Phosphorus ppm ASTM D5185m 300 334 359 Zinc ppm ASTM D5185m 370 438 448 Sulfur ppm ASTM D5185m 2500 2161 1863 Acid Number (AN) mg KOH/g ASTM D5185m 0.57 0.32 0.25 | _ | | | _ | | | |
| Molybdenum ppm ASTM D5185m 5 0 0 Manganese ppm ASTM D5185m 0 0 Magnesium ppm ASTM D5185m 25 10 7 Calcium ppm ASTM D5185m 200 52 51 Phosphorus ppm ASTM D5185m 300 334 359 Zinc ppm ASTM D5185m 370 438 448 Sulfur ppm ASTM D5185m 2500 2161 1863 Acid Number (AN) mg KOH/g ASTM D8045 0.57 0.32 0.25 | | | | | | | |
| Manganese ppm ASTM D5185m 0 0 Magnesium ppm ASTM D5185m 25 10 7 Calcium ppm ASTM D5185m 200 52 51 Phosphorus ppm ASTM D5185m 300 334 359 Zinc ppm ASTM D5185m 370 438 448 Sulfur ppm ASTM D5185m 2500 2161 1863 Acid Number (AN) mg KOH/g ASTM D8045 0.57 0.32 0.25 | | | | | | | |
| Magnesium ppm ASTM D5185m 25 10 7 Calcium ppm ASTM D5185m 200 52 51 Phosphorus ppm ASTM D5185m 300 334 359 Zinc ppm ASTM D5185m 370 438 448 Sulfur ppm ASTM D5185m 2500 2161 1863 Acid Number (AN) mg KOH/g ASTM D8045 0.57 0.32 0.25 | - | | | 5 | | | |
| Calcium ppm ASTM D5185m 200 52 51 Phosphorus ppm ASTM D5185m 300 334 359 Zinc ppm ASTM D5185m 370 438 448 Sulfur ppm ASTM D5185m 2500 2161 1863 Acid Number (AN) mg KOH/g ASTM D8045 0.57 0.32 0.25 | - | | | 0.5 | | | |
| Phosphorus ppm ASTM D5185m 300 334 359 Zinc ppm ASTM D5185m 370 438 448 Sulfur ppm ASTM D5185m 2500 2161 1863 Acid Number (AN) mg KOH/g ASTM D8045 0.57 0.32 0.25 | | | | | | | |
| Zinc ppm ASTM D5185m 370 438 448 Sulfur ppm ASTM D5185m 2500 2161 1863 Acid Number (AN) mg KOH/g ASTM D8045 0.57 0.32 0.25 | | | | | | | |
| Sulfur ppm ASTM D5185m 2500 2161 1863 Acid Number (AN) mg KOH/g ASTM D8045 0.57 0.32 0.25 | | | | | | | |
| Acid Number (AN) mg KOH/g ASTM D8045 0.57 0.32 0.25 | | | | | | | |
| | | | | | | | |
| Visc @ 40°C cSt ASIM D445 46 47.2 46.9 | · · · / | | | | | | |
| | Visc @ 40°C | cSt | ASTM D445 | 46 | 47.2 | 46.9 | |



Sample No. Received 16 LONG LAKE RD : PTK0005477 : 15 Apr 2024 Lab Number : 06148653 MAHTOMEDI, MN Tested : 16 Apr 2024 Unique Number : 10978731 : 16 Apr 2024 - Wes Davis US 55115 Diagnosed Test Package : MOB 2 Contact: STUART SHEPHERD Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. stuart.shepherd@federalplasticscorp.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: F: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Contact/Location: STUART SHEPHERD - FEDMAH Page 2 of 2