

Recommended Maintenance Intervals

Vacuum Pumps - Dry



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Maintenance Intervals on Becker VTLF 500 SK Series Pumps

Every 50 Hours

*Check and clean air intake filters. Including the secondary suction filters. Replace if Necessary. Clean more often in dirty environments. Check and clean discharge filter (this filter is designed for high discharge temperature).

9 months to Yearly

*Check Vanes for minimum width (60 mm). Replace if necessary.

*Inspect vanes for improper wear (cupping). Replace if necessary.

*Inspect teflon tube seals in end shield. If the hollow center shows through, replace them.

* Examine end shield surface for excessive grease build-up. If evident, check shaft seal. If shaft seal is OK, extend the grease intervals or use less grease. Excessive grease will cause vane failure. Clean end shield with contact cleaner only.

* Inspect grease in bearing cavity of end shield. If the grease is dried out or burnt in color, bearing needs to be greased more often. Regrease after reassembly if needed.

*Wipe grease off rotor shaft before re-installing the end shield.

Every 3000 to 4000 Hours

*Inspect motor coupling. Replace if necessary.

*Grease bearings. 8-10 pumps of the grease gun per fitting, making sure grease lines are clear. USE ONLY Amblygon TA 15/2 grease.

Maintenance Intervals on Becker KL 1.70 Series Pumps

Every 50 Hours

*Check and clean air intake filter. Replace if Necessary.

9 months to Yearly

*Check Vanes for minimum width (29mm). Replace if necessary.

*Inspect vanes for improper wear. Replace if necessary.

*Inspect teflon tube seals in end shield. If the hollow center shows through, replace them.

*Wipe grease off rotor shaft before re-installing the end shield.

Every 3000 to 4000 Hours

*Inspect motor coupling. Replace if necessary.

*Grease Bearings through fittings on top and on the end of pump. 6 or 7 pumps of the grease gun per fitting. Use only Amblygon TA 15/2 Grease.

Maintenance Intervals on Becker KL 1.100 Series Pumps

Every 50 Hours

*Check and clean air intake filter. Replace if Necessary.

9 months to Yearly

*Check Vanes for minimum width (35mm). Replace if necessary.

*Inspect vanes for improper wear. Replace if necessary.

*Inspect teflon tube seals in end shield. If the hollow center shows through, replace them.

*Wipe grease off rotor shaft before re-installing the end shield.

Every 3000 to 4000 Hours

*Inspect motor coupling. Replace if necessary.

*Grease Bearings through fittings on top and on the end of pump. 6 or 7 pumps of the grease gun per fitting. Use only Amblygon TA 15/2 Grease.

Maintenance Intervals on Becker KVT 2.000 Series Pumps

Every 50 Hours

*Check and clean air intake filters. Replace if Necessary.

9 months to Yearly

*Check discharge filter if installed. Replace if Necessary.

*Check Vanes for minimum width (1.2"). Replace if necessary.

*Inspect vanes for improper wear. Replace if necessary.

*Inspect teflon tube seals in end shield. If the hollow center shows through, replace them.

*Wipe grease off rotor shaft before re-installing the end shield.

*Apply Amblygon Grease to bearing in end shield. Grease both Bearings (grease fittings) 6-7 pumps, while pump is running and warm.

Every 3000 to 4000 Hours

*Inspect motor coupling. Replace if necessary.

Maintenance Intervals on Becker KVT 3.60/80 Series Pumps In Hospitals

Every 6 months

*Check and clean air intake filters. Replace if Necessary.

9 months to Yearly

*Check discharge filter if installed. Replace if Necessary.

*Check Vanes for minimum width (1.2"). Replace if necessary.

*Inspect vanes for improper wear. Replace if necessary.

*Inspect teflon tube seals in end shield. If the hollow center shows through, replace them.

*Apply Grease to bearing in end shield. Use only Amblygon TA 15/2 Grease.

*Wipe grease off rotor shaft before re-installing the end shield.

Every 3000 to 4000 Hours

*Inspect motor coupling. Replace if necessary.

Maintenance Intervals on Becker KVT 3.60/80 Series Pumps

Every 50 Hours

*Check and clean air intake filters. Replace if Necessary.

9 months to Yearly

*Check discharge filter if installed. Replace if Necessary.

*Check Vanes for minimum width (1.2"). Replace if necessary.

*Inspect vanes for improper wear. Replace if necessary.

*Inspect teflon tube seals in end shield. If the hollow center shows through, replace them.

*Apply Grease to bearing in end shield. Use only Amblygon TA 15/2 Grease.

*Wipe grease off rotor shaft before re-installing the end shield.

Every 3000 to 4000 Hours

*Inspect motor coupling. Replace if necessary.

Maintenance Intervals on Becker KVT 3.100 Series Pumps In Hospitals

Every 6 months

*Check and clean air intake filters. Replace if Necessary.

9 months to Yearly

*Check discharge filter if installed. Replace if Necessary.

*Check Vanes for minimum width (1.2"). Replace if necessary.

*Inspect vanes for improper wear. Replace if necessary.

*Inspect teflon tube seals in end shield. If the hollow center shows through, replace them.

* Examine end shield surface for excessive grease build-up. If evident, check shaft seal. If shaft seal is OK, extend the grease intervals or use less grease. Excessive grease will cause vane failure.

* Inspect grease in bearing cavity of end shield. If the grease is dried out or burnt in color, bearing needs to be greased more often.

*Wipe grease off rotor shaft before re-installing the end shield.

* Grease B-side bearing if needed, using ONLY Amblygon grease

Every 3000 to 4000 Hours

*Inspect motor coupling. Replace if necessary.

*Grease bearings, while pump is running, 6 or 7 pumps of the grease gun per fitting.

Maintenance Intervals on Becker KVT 3.100 Series Pumps

Every 50 Hours

*Check and clean air intake filters. Replace if Necessary.

9 months to Yearly

*Check discharge filter if installed. Replace if Necessary.

*Check Vanes for minimum width (1.2"). Replace if necessary.

*Inspect vanes for improper wear. Replace if necessary.

*Inspect teflon tube seals in end shield. If the hollow center shows through, replace them.

* Examine end shield surface for excessive grease build-up. If evident, check shaft seal. If shaft seal is OK, extend the grease intervals or use less grease. Excessive grease will cause vane failure.

* Inspect grease in bearing cavity of end shield. If the grease is dried out or burnt in color, bearing needs to be greased more often.

*Wipe grease off rotor shaft before re-installing the end shield.

* Grease B-side bearing if needed, using ONLY Amblygon grease

Every 3000 to 4000 Hours

*Inspect motor coupling. Replace if necessary.

*Grease bearings, while pump is running, 6 or 7 pumps of the grease gun per fitting.

Maintenance Intervals on Becker KVT 3.140 Series Pumps In Hospitals

Every 6 months

- *Check and clean air intake filters. Replace if Necessary.

9 months to Yearly

- *Check discharge filter if installed. Replace if Necessary.
- *Check Vanes for minimum width (1.6"). Replace if necessary.
- *Inspect vanes for improper wear. Replace if necessary.
- *Inspect teflon tube seals in end shield. If the hollow center shows through, replace them.
- * Examine end shield surface for excessive grease build-up. If evident, check shaft seal. If shaft seal is OK, extend the grease intervals or use less grease. Excessive grease will cause vane failure.
- * Inspect grease in bearing cavity of end shield. If the grease is dried out or burnt in color, bearing needs to be greased more often.
- *Wipe grease off rotor shaft before re-installing the end shield.
- * Grease B-side bearing if needed, using ONLY Amblygon grease

Every 3000 to 4000 Hours

- *Inspect motor coupling. Replace if necessary.
- *Grease bearings, while pump is running, 6 or 7 pumps of the grease gun per fitting.

Maintenance Intervals on Becker KVT 3.140 Series Pumps

Every 50 Hours

*Check and clean air intake filters. Replace if Necessary.

9 months to Yearly

*Check discharge filter if installed. Replace if Necessary.

*Check Vanes for minimum width (1.6"). Replace if necessary.

*Inspect vanes for improper wear. Replace if necessary.

*Inspect teflon tube seals in end shield. If the hollow center shows through, replace them.

* Examine end shield surface for excessive grease build-up. If evident, check shaft seal. If shaft seal is OK, extend the grease intervals or use less grease. Excessive grease will cause vane failure.

* Inspect grease in bearing cavity of end shield. If the grease is dried out or burnt in color, bearing needs to be greased more often.

*Wipe grease off rotor shaft before re-installing the end shield.

* Grease B-side bearing if needed, using ONLY Amblygon grease

Every 3000 to 4000 Hours

*Inspect motor coupling. Replace if necessary.

*Grease bearings, while pump is running, 6 or 7 pumps of the grease gun per fitting.

Maintenance Intervals on Becker KVT 70 Series Pumps

Every 50 Hours

*Check and clean air intake filters. Replace if Necessary.

9 months to Yearly

*Check discharge filter. Replace if Necessary.

*Check Vanes for minimum width (1.06"). Replace if necessary.

*Inspect vanes for improper wear. Replace if necessary.

*Inspect teflon tube seals in end shield. If the hollow center shows through, replace them.

*Wipe grease off rotor shaft before re-installing the end shield.

Every 3000 to 4000 Hours

*Inspect motor coupling. Replace if necessary.

*Grease Bearings through fittings on top and on the end of pump. 6 or 7 pumps of the grease gun per fitting. While pump is running.

Maintenance Intervals on Becker VPF Series Pumps

Every 50 Hours

*Check and clean air intake filters. Replace if Necessary.

Monthly

*Change Oil.

Using only: Mobil DTE Oil AA ISO 320
BECKER'S STANDARD PUMP OIL **CANNOT** BE USED

Every 3000 to 4000 Hours

*Inspect motor coupling. Replace if necessary.

Maintenance Intervals on Becker VT 3.3, VT 3.6 & VT 3.6/08 Series Pumps

Every 40 to 50 Hours

*Check and clean air intake filters. Replace if Necessary.

Every 6 Months

*Blow dust and debris off outside of pump.

9 Months to Yearly

VT 3.3

*Check Vanes for minimum width (13.0mm). Replace if necessary.

*Inspect vanes for improper wear. Replace if necessary.

9 Months to Yearly

VT 3.6/08

*Check Vanes for minimum width (19.0mm). Replace if necessary.

*Inspect vanes for improper wear. Replace if necessary.

PM on the Becker VT 3.10, 3.16, 3.25 and 3.40 vacuum pumps

The following are general guidelines for maintenance on the VT 3.16, 3.25 and 3.40 vacuum pump(s). We do however suggest that you read and become familiar with the information contained in the T 3.000 series maintenance and rebuild manual. The following information is also included in the manual, as well as much more.

Weekly

Action: Blow out intake filters.

Direction: Remove (3) 5 mm allen head screws from the front cover. Remove cover. Pull out filters and blow out. Replace filter if extremely dirty, or if the filter is dry and the paper element rips or tears when a finger is run across the pleats.

Action: Blow off exterior of pump.

Direction: Using compressed air, blow off the exterior of the pump. Be sure to hit all crevasses and exterior openings.

Note: You may find that the filters and exterior of the pump in your operation may not require cleaning as often. These are basic guidelines, some applications are "cleaner" than others. You may stretch this time to as long as 4 to 6 weeks if the filters are staying clean.

Bi-Yearly to Yearly

Action: Check Vanes

Direction: Follow directions above for filter removal. After filter cover and filters are removed, find (4) 5 mm allen head screws on the exposed end shield. Remove them and the end shield should come off. Pull out vanes. Blow out exposed pump cavity and rotor area with compressed air. Clean the end shield where it rests against the rotor with a non-residual solvent. Look at the end shield and check for heat damage or scoring. If any is present, contact your Becker factory representative. Check vanes for minimum width (see manual for dimensions). Replace if, at or below the minimum width. Next check for excessive cupping of the flat surface. If cupping exceeds 25% of the factory thickness (see manual), replace the vanes. Vanes are installed so that the bevel of the vane surface rides flatly against the cylinder wall. If the vane is in backwards, you will notice that it will contact the cylinder wall only at 1 point. Check for pitting along the leading edge of the vane, where it rests against the cylinder wall. If any is present, contact your factory representative. If all looks well, re-install the vanes, end shield, and filter housing.

Tips for increasing vane life

Vane life is mostly dependent on two things. Pump temperature and Differential pressure. Keeping the pump cool is the first way to increase vane life. Keep debris and dirt off the pump. Keep the filters clean. Do not install the pumps where there is little air flow or high ambient temperature.

Vane life is also dependent on the differential pressure that the pump is run at. The higher the vacuum level, the less vane life.

PM on the Becker VT 4.10, 4.16, 4.25 and 4.40 vacuum pumps

The following are general guidelines for maintenance on the VT 4.16, 4.25 and 4.40 vacuum pump(s) in hospital applications.

Once a Year

Action: Blow out intake filters.

Direction: Remove (2) 5 mm allen head screws for outer end shroud. Remove (3) 5 mm allen head screws from the front cover. Remove cover. Pull out filters and blow out. Replace filter if extremely dirty, or if the filter is dry and the paper element rips or tears when a finger is run across the pleats.

Action: Blow off exterior of pump.

Directions: Using compressed air, blow off the exterior of the pump. Be sure to hit all crevasses and exterior openings.

Action: Check Vanes

Direction: Follow directions above for filter removal. After filter cover and filters are removed, find (4) 5 mm allen head screws on the exposed end shield. Remove them and the end shield should come off. Pull out vanes. Blow out exposed pump cavity and rotor area with compressed air. Clean the end shield where it rests against the rotor with a non-residual solvent. Look at the end shield and check for heat damage or scoring. If any is present, contact your Becker factory representative. Check vanes for minimum width (see manual for dimensions). Replace if, at or below the minimum width. Next check for excessive cupping of the flat surface. If cupping exceeds 25% of the factory thickness (see manual), replace the vanes. Vanes are installed so that the bevel of the vane surface rides flatly against the cylinder wall. If the vane is in backwards, you will notice that it will contact the cylinder wall only at 1 point. Check for pitting along the leading edge of the vane, where it rests against the cylinder wall. If any is present, contact your factory representative. If all looks well, re-install the vanes, end shield, and filter housing.

Tips for increasing vane life

Vane life is mostly dependent on two things. Pump temperature and Differential pressure. Keeping the pump cool is the first way to increase vane life. Keep debris and dirt off the pump. Keep the filters clean. Do not install the pumps where there is little air flow or high ambient temperature.

Vane life is also dependent on the differential pressure that the pump is run at. The higher the vacuum level, the less vane life.

PM on the Becker VT 4.10, 4.16, 4.25 and 4.40 vacuum pumps

The following are general guidelines for maintenance on the VT 4.16, 4.25 and 4.40 vacuum pump(s).

Weekly

Action: Blow out intake filters.

Direction: Remove (2) 5 mm allen head screws for outer end shroud. Remove (3) 5 mm allen head screws from the front cover. Remove cover. Pull out filters and blow out. Replace filter if extremely dirty, or if the filter is dry and the paper element rips or tears when a finger is run across the pleats.

Action: Blow off exterior of pump.

Directions: Using compressed air, blow off the exterior of the pump. Be sure to hit all crevasses and exterior openings.

Note: You may find that the filters and exterior of the pump in your operation may not require cleaning as often. These are basic guidelines, some applications are "cleaner" than others. You may stretch this time to as long as 4 to 6 weeks if the filters are staying clean.

Bi-Yearly to Yearly

Action: Check Vanes

Direction: Follow directions above for filter removal. After filter cover and filters are removed, find (4) 5 mm allen head screws on the exposed end shield. Remove them and the end shield should come off. Pull out vanes. Blow out exposed pump cavity and rotor area with compressed air. Clean the end shield where it rests against the rotor with a non-residual solvent. Look at the end shield and check for heat damage or scoring. If any is present, contact your Becker factory representative. Check vanes for minimum width (see manual for dimensions). Replace if, at or below the minimum width. Next check for excessive cupping of the flat surface. If cupping exceeds 25% of the factory thickness (see manual), replace the vanes. Vanes are installed so that the bevel of the vane surface rides flatly against the cylinder wall. If the vane is in backwards, you will notice that it will contact the cylinder wall only at 1 point. Check for pitting along the leading edge of the vane, where it rests against the cylinder wall. If any is present, contact your factory representative. If all looks well, re-install the vanes, end shield, and filter housing.

Tips for increasing vane life

Vane life is mostly dependent on two things. Pump temperature and Differential pressure. Keeping the pump cool is the first way to increase vane life. Keep debris and dirt off the pump. Keep the filters clean. Do not install the pumps where there is little air flow or high ambient temperature.

Vane life is also dependent on the differential pressure that the pump is run at. The higher the vacuum level, the less vane life.

PM on the Becker VT 6 vacuum pumps

Yearly

Action: Check Vanes

Direction: Follow directions above for filter removal. After filter cover and filters are removed, find (3) 6 mm cap nuts on the exposed end shield. Remove them and the end shield should come off. Pull out vanes. Blow out exposed pump cavity and rotor area with compressed air. Clean the end shield where it rests against the rotor with a non-residual solvent. Look at the end shield and check for heat damage or scoring. If any is present, contact your Becker factory representative. Check vanes for minimum width 19 MM. Replace if, at or below the minimum width. Next check for excessive cupping of the flat surface. Vanes are installed so that the bevel of the vane surface rides flatly against the cylinder wall. If the vane is in backwards, you will notice that it will contact the cylinder wall only at 1 point. Check for pitting along the leading edge of the vane, where it rests against the cylinder wall. If any is present, contact your factory representative. If all looks well, re-install the vanes, end shield, and filter housing.

Tips for increasing vane life

Vane life is mostly dependent on two things. Pump temperature and Differential pressure. Keeping the pump cool is the first way to increase vane life. Keep debris and dirt off the pump. Keep the filters clean. Do not install the pumps where there is little air flow or high ambient temperature.

Vane life is also dependent on the differential pressure that the pump is run at. The higher the vacuum level, the less vane life.

PM on the Becker VT 10, 16 vacuum pumps

The following are general guidelines for maintenance on the VT 10, 16 vacuum pump(s).

Weekly

Action: Blow out intake filters.

Direction: Remove cover. Pull out filters and blow out. Replace filter if extremely dirty, or if the filter is dry and the paper element rips or tears when a finger is run across the pleats.

Action: Blow off exterior of pump.

Direction: Using compressed air, blow off the exterior of the pump. Be sure to hit all crevasses and exterior openings.

Note: You may find that the filters and exterior of the pump in your operation may not require cleaning as often. These are basic guidelines, some applications are "cleaner" than others. You may stretch this time to as long as 4 to 6 weeks if the filters are staying clean.

Yearly

Action: Check Vanes

Direction: Follow directions above for filter removal. After filter cover and filters are removed, find (6) 6 mm bolts on the exposed end shield. Remove them and the end shield should come off. Pull out vanes. Blow out exposed pump cavity and rotor area with compressed air. Clean the end shield where it rests against the rotor with a non-residual solvent. Look at the end shield and check for heat damage or scoring. If any is present, contact your Becker factory representative. Check vanes for minimum width 21 MM. Replace if, at or below the minimum width. Next check for excessive cupping of the flat surface. Vanes are installed so that the bevel of the vane surface rides flatly against the cylinder wall. If the vane is in backwards, you will notice that it will contact the cylinder wall only at 1 point. Check for pitting along the leading edge of the vane, where it rests against the cylinder wall. If any is present, contact your factory representative. If all looks well, re-install the vanes, end shield, and filter housing.

Tips for increasing vane life

Vane life is mostly dependent on two things. Pump temperature and Differential pressure. Keeping the pump cool is the first way to increase vane life. Keep debris and dirt off the pump. Keep the filters clean. Do not install the pumps where there is little air flow or high ambient temperature.

Vane life is also dependent on the differential pressure that the pump is run at. The higher the vacuum level, the less vane life.

PM on the Becker VT 25 vacuum pumps

The following are general guidelines for maintenance on the VT 25 vacuum pump(s).

Weekly

Action: Blow out intake filters.

Direction: Remove cover. Pull out filters and blow out. Replace filter if extremely dirty, or if the filter is dry and the paper element rips or tears when a finger is run across the pleats.

Action: Blow off exterior of pump.

Direction: Using compressed air, blow off the exterior of the pump. Be sure to hit all crevasses and exterior openings.

Note: You may find that the filters and exterior of the pump in your operation may not require cleaning as often. These are basic guidelines, some applications are "cleaner" than others. You may stretch this time to as long as 4 to 6 weeks if the filters are staying clean.

Yearly

Action: Check Vanes

Direction: Follow directions above for filter removal. After filter cover and filters are removed, find (6) 6 mm bolts on the exposed end shield. Remove them and the end shield should come off. Pull out vanes. Blow out exposed pump cavity and rotor area with compressed air. Clean the end shield where it rests against the rotor with a non-residual solvent. Look at the end shield and check for heat damage or scoring. If any is present, contact your Becker factory representative. Check vanes for minimum width 23 MM. Replace if, at or below the minimum width. Next check for excessive cupping of the flat surface. Vanes are installed so that the bevel of the vane surface rides flatly against the cylinder wall. If the vane is in backwards, you will notice that it will contact the cylinder wall only at 1 point. Check for pitting along the leading edge of the vane, where it rests against the cylinder wall. If any is present, contact your factory representative. If all looks well, re-install the vanes, end shield, and filter housing.

Tips for increasing vane life

Vane life is mostly dependent on two things. Pump temperature and Differential pressure. Keeping the pump cool is the first way to increase vane life. Keep debris and dirt off the pump. Keep the filters clean. Do not install the pumps where there is little air flow or high ambient temperature.

Vane life is also dependent on the differential pressure that the pump is run at. The higher the vacuum level, the less vane life.

Maintenance Intervals on Becker VTLF 200 Series Pumps for Hospitals

Every 3 Months

*Check and clean air intake filters. Replace if Necessary. Clean more often in dirty environments.

9 months to Yearly

*Check Vanes for minimum width (41 mm). Replace if necessary.

*Inspect vanes for improper wear (cupping). Replace if necessary.

*Inspect teflon tube seals in end shield. If the hollow center shows through, replace them.

* Examine end shield surface for excessive grease build-up. If evident, check shaft seal. If shaft seal is OK, extend the grease intervals or use less grease. Excessive grease will cause vane failure. Clean end shield with contact cleaner only.

* Inspect grease in bearing cavity of end shield. If the grease is dried out or burnt in color, bearing needs to be greased more often. Regrease after reassembly if needed.

*Wipe grease off rotor shaft before re-installing the end shield.

Every 3000 to 4000 Hours

*Inspect motor coupling. Replace if necessary.

*Grease bearings. 6 or 7 pumps of the grease gun per fitting, making sure grease lines are clear. USE ONLY Amblygon TA 15/2 grease.

Maintenance Intervals on Becker VTLF 200 Series Pumps

Every 50 Hours

*Check and clean air intake filters. Replace if Necessary. Clean more often in dirty environments.

9 months to Yearly

*Check Vanes for minimum width (41 mm). Replace if necessary.

*Inspect vanes for improper wear (cupping). Replace if necessary.

*Inspect teflon tube seals in end shield. If the hollow center shows through, replace them.

* Examine end shield surface for excessive grease build-up. If evident, check shaft seal. If shaft seal is OK, extend the grease intervals or use less grease. Excessive grease will cause vane failure. Clean end shield with contact cleaner only.

* Inspect grease in bearing cavity of end shield. If the grease is dried out or burnt in color, bearing needs to be greased more often. Regrease after reassembly if needed.

*Wipe grease off rotor shaft before re-installing the end shield.

Every 3000 to 4000 Hours

*Inspect motor coupling. Replace if necessary.

*Grease bearings. 6 or 7 pumps of the grease gun per fitting, making sure grease lines are clear. USE ONLY Amblygon TA 15/2 grease.

Maintenance Intervals on Becker VTLF 250 non SK Series Pumps

Every 50 hours

*Check and clean air intake filters, Replace if Necessary. Clean more often in dirty environments.

9 months to Yearly

*Check Vanes for minimum width (41 mm). Replace if necessary.

*Inspect vanes for improper wear (cupping). Replace if necessary.

*Inspect teflon tube seals in end shield. If the hollow center shows through, replace them.

* Examine end shield surface for excessive grease build-up. If evident, check shaft seal. If shaft seal is OK, extend the grease intervals or use less grease. Excessive grease will cause vane failure. Clean end shield with contact cleaner only.

* Inspect grease in bearing cavity of end shield. If the grease is dried out or burnt in color, bearing needs to be greased more often. Regrease after reassembly if needed.

*Wipe grease off rotor shaft before re-installing the end shield.

Every 3000 to 4000 Hours

*Inspect motor coupling. Replace if necessary.

*Grease bearings. 6 or 7 pumps of the grease gun per fitting, making sure grease lines are clear. USE ONLY Amblygon TA 15/2 grease.

Maintenance Intervals on Becker VTLF 250 SK Series Pumps for Hospitals

Every 3 Months

*Check and clean air intake filters. Including the secondary suction filters. Replace if Necessary. Clean more often in dirty environments.

9 months to Yearly

*Check Vanes for minimum width (41 mm). Replace if necessary.

*Inspect vanes for improper wear (cupping). Replace if necessary.

*Inspect teflon tube seals in end shield. If the hollow center shows through, replace them.

* Examine end shield surface for excessive grease build-up. If evident, check shaft seal. If shaft seal is OK, extend the grease intervals or use less grease. Excessive grease will cause vane failure. Clean end shield with contact cleaner only.

* Inspect grease in bearing cavity of end shield. If the grease is dried out or burnt in color, bearing needs to be greased more often. Regrease after reassembly if needed.

*Wipe grease off rotor shaft before re-installing the end shield.

Every 3000 to 4000 Hours

*Inspect motor coupling. Replace if necessary.

*Grease bearings. 6 or 7 pumps of the grease gun per fitting, making sure grease lines are clear. USE ONLY Amblygon TA 15/2 grease.

Maintenance Intervals on Becker VTLF 250 SK Series Pumps

Every 50 hours

*Check and clean air intake filters, including the secondary suction filters. Replace if Necessary. Clean more often in dirty environments.

9 months to Yearly

*Check Vanes for minimum width (41 mm). Replace if necessary.

*Inspect vanes for improper wear (cupping). Replace if necessary.

*Inspect teflon tube seals in end shield. If the hollow center shows through, replace them.

* Examine end shield surface for excessive grease build-up. If evident, check shaft seal. If shaft seal is OK, extend the grease intervals or use less grease. Excessive grease will cause vane failure. Clean end shield with contact cleaner only.

* Inspect grease in bearing cavity of end shield. If the grease is dried out or burnt in color, bearing needs to be greased more often. Regrease after reassembly if needed.

*Wipe grease off rotor shaft before re-installing the end shield.

Every 3000 to 4000 Hours

*Inspect motor coupling. Replace if necessary.

*Grease bearings. 6 or 7 pumps of the grease gun per fitting, making sure grease lines are clear. USE ONLY Amblygon TA 15/2 grease.

Maintenance Intervals on Becker VTLF 400 Series Pumps

Every 50 Hours

*Check and clean air intake filters. Replace if Necessary. Clean more often in dirty environments. Check and clean discharge filter (this filter is designed for high discharge temperature).

9 months to Yearly

*Check Vanes for minimum width (60 mm). Replace if necessary.

*Inspect vanes for improper wear (cupping). Replace if necessary.

*Inspect teflon tube seals in end shield. If the hollow center shows through, replace them.

* Examine end shield surface for excessive grease build-up. If evident, check shaft seal. If shaft seal is OK, extend the grease intervals or use less grease. Excessive grease will cause vane failure. Clean end shield with contact cleaner only.

* Inspect grease in bearing cavity of end shield. If the grease is dried out or burnt in color, bearing needs to be greased more often. Regrease after reassembly if needed.

*Wipe grease off rotor shaft before re-installing the end shield.

Every 3000 to 4000 Hours

*Inspect motor coupling. Replace if necessary.

*Grease bearings. 8-10 pumps of the grease gun per fitting, making sure grease lines are clear. USE ONLY Amblygon TA 15/2 grease.