

Machine Dishwashing Troubleshooting Guide

| PROBLEMS & CAUSES | | Films or Spots on Ware | Soil on Ware | High Detergent Usage | High Rinse Aid Usage | Staining | Foaming | Dirty Machine | Wet Plates & Ware | Drying Spots or Steaks | Detergent Carryover | Food Particles on Ware | Protein Bloom | ACTIONS |
|-------------------------------|----------|------------------------|--------------|----------------------|----------------------|----------|---------|---------------|-------------------|------------------------|---------------------|------------------------|---------------|--|
| Leaking Drain | | | | ✓ | | | | | | | | | | Ensure plug is correctly in place. Replace drain plug or o-ring |
| Dirty/Scaled Probe | | | | ✓ | | | | | | | | | | Clean, descale or replace probe and check wire connections |
| Blocked Wash Jets | Wash | | ✓ | | | ✓ | | ✓ | | | | ✓ | ✓ | Remove, clean wash and rinse arms and replace |
| | Rinse | | ✓ | | | | | ✓ | | | ✓ | ✓ | ✓ | Remove, clean wash and rinse arms and replace |
| Rinse Not Working | | ✓ | ✓ | | | | | | ✓ | ✓ | ✓ | ✓ | | Remove, clean wash and rinse arms and replace |
| Detergent Conc. | Too High | ✓ | | ✓ | | | | | | | ✓ | | | Lower detergent concentration |
| | Too Low | | ✓ | | | ✓ | | | | | | | ✓ | Increase detergent concentration |
| Rinse Aid Conc. | Too High | | | | ✓ | | ✓ | | | ✓ | | | | Lower rinse aid concentration |
| | Too Low | ✓ | | | | | | | ✓ | | | | | Increase rinse aid concentration |
| Rinse injector Not Working | | | | | | | | | ✓ | | | | | Contact machine manufacturer |
| Wash Temp 55 to 70°C | Too High | | ✓ | | | ✓ | | | | | | | ✓ | Lower wash temperature |
| | Too Low | | ✓ | | | ✓ | ✓ | | | | | | | Increase wash temperature |
| Rinse Temp 75 to 90°C | Too High | | | | | | | | | | | | ✓ | Lower rinse temperature |
| | Too Low | | | | | | | | ✓ | | | | ✓ | Increase rinse temperature |
| Leaking Valves | | | | ✓ | | | | | | | ✓ | | | Contact machine manufacturer |
| Poor Pre Scraping | | | ✓ | | | | | | | | | | | Improve scraping and rinse method |
| Poor Racking | | | ✓ | | | ✓ | | | | | | | | Improve racking method |
| Stacking Too Quickly | | | | | | | | | ✓ | ✓ | | | | Allow longer drying time |
| Rinse Arm Spinning | Too Fast | | ✓ | | | | | | | | ✓ | | | Contact machine manufacturer |
| | Not | | ✓ | | | | | | | | ✓ | | | Contact machine manufacturer |
| Rinse Pressure | Too High | | | ✓ | ✓ | | | | | | | | | Increase rinse pressure |
| | Too Low | | ✓ | | | | | | ✓ | | ✓ | ✓ | | Lower rinse pressure |
| Heavy Soil Loading in Machine | | | | ✓ | | | ✓ | ✓ | | | | | | Improve scraping and rinse method |