

How to Select Welch Oil

| Pump Type | Oil Grade | |
|--------------|---------------|---|
| | Standard Duty | Aggressive Applications (Corrosive Fumes) |
| ChemStar® | Gold | Gold |
| Direct-Drive | Premium | Gold |
| DuoSEAL | DuoSeal | Gold |

Gold Vacuum Pump Oil



- Exceptionally low vapor pressure
- High stability in chemical environments
- No additives or inhibitors
- Recommended for Welch belt-drive and direct-drive pumps

A double distilled synthetic hydrocarbon oil designed for excellent resistance when pumping corrosive gases or vapors. A synthetic base stock that has no aromatic compounds or sulfur which accelerate varnishing, sludging and carbon build-up when pumps are used to pump corrosives. Gold Oil will give a longer service life and superior protection for the internal metal components of a pump in corrosive pumping applications compared to DuoSEAL and Premium Oil. Gold Oil offers excellent vacuum pressure in both belt-driven and direct-driven vacuum pumps over time. Gold Oil is miscible with conventional hydrocarbon oils and can be used without rebuilding the pump. The oil is clear and colorless.

| CAT. No. | 8995G-11 | 8995G-15 | 8995G-20 |
|----------|----------|----------|----------|
| Size | Liter | Gallon | 5 Gallon |

Premium Vacuum Pump Oil



- Low vapor pressure
- Designated for high RPM Direct-Drive vacuum pumps
- No additives or inhibitors
- Recommended for Welch direct-drive vacuum pumps

A triple-distilled hydrocarbon oil using severely hydrotreated base stock is designed to resist breakdown at higher RPMs and operating temperatures of direct-drive vacuum pumps. The hydrotreating virtually eliminates aromatics and sulfur to give good resistance to sludge and varnish formation overtime in corrosive environments. Premium Oil enables direct-drive vacuum pumps to maintain the highest vacuum performance over time. The oil is light yellow.

| CAT. No. | 8995P-11 | 8995P-15 | 8995P-20 |
|----------|----------|----------|----------|
| Size | Quart | Gallon | 5 Gallon |

DuoSEAL® Vacuum Oil



- Low vapor pressure
- Ideal viscosity for belt-drive vacuum pumps
- High consistency
- Recommended for DuoSEAL belt-drive pumps

A specially fractionated oil for DuoSEAL® belt-driven pumps is designed to ensure the highest vacuum performance. The oil is tested to high vacuum levels to meet rigid requirements for vapor pressure, vacuum level stability, and viscosity. DuoSEAL® Oil is famous for its quality and consistency.

| CAT. No. | 1407K-11 | 1407K-15 | 1407K-20 |
|----------|----------|----------|----------|
| Size | Quart | Gallon | 5 Gallon |

GELMASTER™ Trapping Fluid



- High stability in chemical environments
- Low vapor pressure
- Recommended for GELMASTER™

Welch GEM® Pumping and Trapping Fluid is a specially formulated paraffin based hydrocarbon oil for use in the GELMASTER™ gel-drying system. The blue color of the trapping fluid makes it easy to distinguish from the trapped condensate when draining the system. The trapping fluid can be used repeatedly since it does not mix with the condensate. It will appear greenish in color when contaminated.

| CAT. No. | 8995C | 8995C-15 |
|----------|-------|----------|
| Size | Liter | Gallon |

Peristaltic - Fluid Transfer Pumps

Models 3100/3200

Replacement Cartridges for Models 3100/3200

| Material | Silicone | PVC |
|--------------------------------|-------------------------------------|-------------------------------------|
| Applications | Biofluids / Food | General Lab, Viscous Fluids |
| Tubing I.D. (Flow Rate Range) | Tubing Cartridges (5 each) CAT. No. | Tubing Cartridges (5 each) CAT. No. |
| 1.6mm (3-30 ml/min) - 5 pack | 3432K-01 | 3434K-01 |
| 3.2mm (10-130 ml/min) - 5 pack | 3432K-02 | 3434K-02 |
| 4.8mm (30-300 ml/min) - 5 pack | 3432K-04 | 3434K-04 |



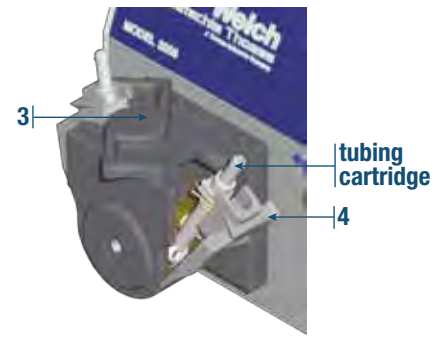
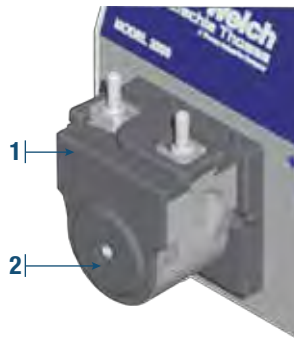
3100



3200

Service Kit CAT. No. 3200K-02 for Models 3100/3200

| ID | Qty. | Description |
|----|------|----------------|
| 1 | 1 | Pump Head |
| 2 | 1 | Roller Carrier |
| 3 | 1 | Lock |
| 4 | 1 | Rolling Band |



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