

Sampling Applications

Engines



Transmissions



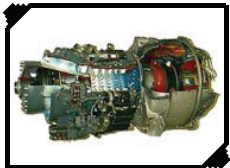
Compressors



Hydraulics



Turbine



Filters



Gearboxes



Reservoirs



Bearings



Drums



Final Drives



Breathers



Coolant



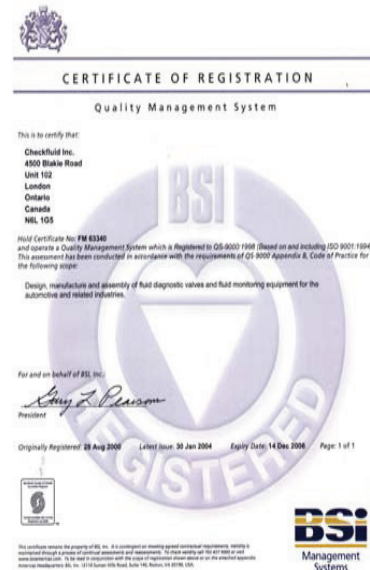
Ammonia Oil



Why Use Oil Sampling Valves?

- More accurate samples. Hot active oil taken from the same location avoids misleading reports and sample retakes.
- Sample faster- while the equipment is running.
- Avoid opening the system to external contamination, air & moisture.
- Cleaner than drain or dipstick methods. Avoid spilling hot oil over hands, equipment or into the environment.
- Cost effective- low cost per sample uses less tubing
- Sample anytime- without draining -to diagnose a problem or determine an oil change interval
- Easier and safer for the sample taker

Checkfluid Inc. designs, manufactures and distributes oil sampling valves and related hardware world wide. Checkfluid is certified to ISO 9001:2000.



Oil Sampling: The First Step in Oil Analysis



Checkfluid Inc.

Authorised Checkfluid Agent



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Pressurized Sampling

KP Pushbutton Sampling Valve (5 to 750psi)



- No probes required. No cross contamination
- Leak free, automatic shut off
- Compact design with a choice of threads & seals
- Unique rotating spout allows one hand sampling
- New** lock nut and color options
- New** sampling tube option

KST Probe Style Sampling Valve (5 to 4000psi)



- Dual Elastomeric valve seals vacuum tight
- Popular mobile equipment standard.
- Offers a wide variety of disposable & reusable probes
- Hand sampling: 750psi, dynamic sampling:4000psi
- New** environmentally friendly plating
- New** optional hydraulic shock valve

B Series M16x2 Sampling Valve (5 to 5800psi)



- Popular industrial Euro-Probe sampling style with metric 16x2 thread
- Metal ball and seat valve allows pressure testing to 5800psi (not suitable for air, gas or vacuum)
- Hand sampling to 750psi, dynamic sampling to 5800psi.

Low/Non-Pressurized Sampling

L Series High Flow Sampling Valve (0 to 100psi)



- Sample high viscosity oil below 100psi.
- Seals tight to 27 in Hg. Vacuum
- Elastomeric seal. Avoid air, moisture or contaminant intake during cool down
- Easy to clean, flat face design
- New** SLF4 high flow probe
- New** extra compact sealed cap
- New** optional higher pressure valve (600psi)

LT Series High Flow Tube Extend (0 to 100psi)



- Uses extra compact flat face L series valve
- Consistently & precisely samples oil, VG 32 to VG1500 without shutting down.
- New** tube sizes 3/16", 1/4", 5/16", 3/8" OD
- New** all stainless 316 stainless steel design
- New** metric and international ports
- New** samples up to 7 times faster than BT series
- New** lower purge volumes

BT Series Tube Extend (0 to 500psi)



- Uses popular B series valve
- Consistently sample active oil from gearboxes and reservoirs up to VG220
- Stainless valve, tube, swivel options available
- Easily installs in drain, fill or pipe ports
- New** plastic probe
- New** longer lengths available

Grease Sampling Fitting



- 1/8" NPT port and threaded seal cap
- Monitor bearings and joints at a direct grease contact location

Mounting Options

Port Adapters



- Add a valve directly to the port best suited for sampling
- Choose from a wide range of BSPP, BSPT, SAE, NPTF and metric thread adapters
- Standardize on one valve thread and add to an adapter with a common -4 SAE ORB port connection

Inline Connectors and Adapters



- Add a sampling valve at an existing connection.
- Install easily into JIC, ORFS, NPTF or hose adapters
- Replace a straight or elbow connection with a tee.
- Sample at a turbulent location.
- Adapters use a common -4 ORB valve port
- New** field kits available

Remote Access Hose & Tube Extends



- Sample multiple ports from one location saving time
- Safe: sample without climbing under or over running equipment
- Low purge volume wire braid and micro hose options available
- Sample from the best location every time, not just the most accessible

Valve Mount 1&2



- Install on any tube or pipe in only a few minutes
- After installation connection can stand up to 9000psi (dependent on the valve that is used)
- Installation in only a few minutes
- No special tools or cutting required
- System is fully sealed off, no external contamination
- Install while the equipment is running (Valve Mount 1)

Ball Valve Sampler



- Portable tool to sample through ball valves, accurately without large purge volumes
- Combine a drain mount sampling valve with sight glass, vent, quick coupling and sight drain
- Choice of valve (LT and BT), material and tube lengths.

Breather and Drain Mounts



- Create a loop for bypass filtration.
- Combine a top-mounted sampling valve with breather and quick coupling
- Combine a drain mount sampling valve with sight glass, vent, quick coupling and sight drain
- Stainless, swivel and metric port options available

Embedded L Series Valve



- Add an extra compact L valve to a variety of SAE and metric plugs

Accessories

Vacuum Pumps



- Take multiple samples without cross contamination
- Fits standard 38mm bottles
- Lightweight, yet durable
- Plastic injection molded or acrylic heads
- Pressurized sampling with VAC-K using KST valve
- New** vacuum pump stands
- New** disposable syringes

Sampling Bottles



- Clear, high temperature bottles for oil sampling
- Variety of large bottles for specific applications
- New** clear, stronger ribbed bottle for vacuum sampling

Mailers



- Mailers for secure shipment of samples to the lab
- Custom logo printing available

Poly Tubing



- Tubing for vacuum & pressure sampling
- Vent caps to minimize the risk of external contamination
- New** nitrile gloves and zip bags

Identification Tags



- Color coded stickers for easy lubrication matching
- New** custom laser marking of metal tags for sampling and lubrication points
- New** Excel template for Lube Point identification

Metal Tube Working Tools



- Position: tube extend in the active oil zone
- Cut: faster, sharper cuts for steel or stainless steel
- Ream: remove inner and outer burrs quickly
- Bend: provides tightest hand bends for best positioning

WARNING: Improper selection or application of products described in the catalog can cause serious injury or damage. The user is solely responsible for making the final selection of products to ensure that the overall system performance and safety requirements are met.