

Why Use Oil Sampling Valves?

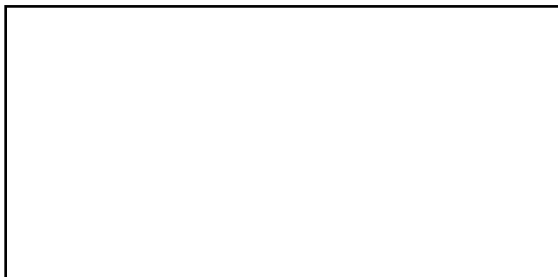
- More accurate samples. Hot active oil taken from the same location avoids misleading reports and sample retakes.
- Sample faster - while the equipment is running.
- Avoid opening the system to external contamination, air & moisture.
- Cleaner than drain or dipstick methods. Avoid spilling hot oil over 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.

Sampling Applications

- Engines
- Transmissions
- Compressors
- Hydraulics
- Turbine
- Filters
- Gearboxes
- Reservoirs
- Bearings
- Drums
- Final Drives
- Breathers
- Coolant
- Ammonia Oil



Your Local Lubrication Consultant:



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

A00031
05/30/08

Oil Sampling: The First Step in Oil Analysis



The Lubrication Reliability Source™

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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 3500psi)



- Dual Elastomeric valve seals vacuum tight
- Popular mobile equipment standard
- Offers a wide variety of disposable & reusable probes
- Hand sampling: 750psi, dynamic sampling: 3500psi
- **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** SLF 4 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, VG32 to VG1500 w/o 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 & 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, MPTF 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
- 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