



# Oil Sampling Ports

Where and how oil samples are collected are two of the most important functions of the oil sampling process. Without a representative sample, further oil analysis efforts will be ineffective. That's why Trico sample ports are designed to draw samples from the most representative areas from industrial equipment. Trico sample ports are also designed to collect samples under the equipment's typical operating condition - another important factor.

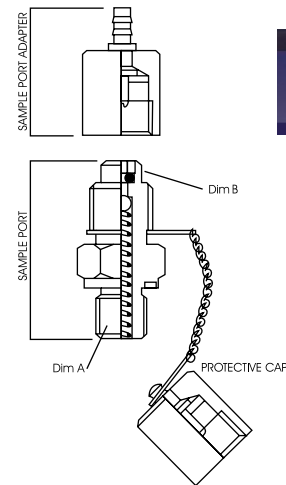
The collection process is a simple, fast and accurate way of sampling hydraulic, lubricating, and circulating systems. Access to systems is done through the use of a mating sample port adapter. The sample port adapter screws onto the sample port. Oil samples can then be drawn from the system and placed into a clean sampling bottle for analysis.

To guard against contaminating the sample and for superior leak protection, Trico sampling ports all feature a check valve and a viton o-ring seal cap.

Trico sample ports are available in several types and sizes to match the varying requirements of manufacturers. Please see below for a complete listing and specifications. To complement the sample ports, there are a number of sample port adapters available, as well.

## SPECIFICATIONS

Maximum Working Pressure	9000 PSI (630 bar)
Connect Under Pressure	5800 PSI (400 bar)
Check Valve Ball	Stainless Steel
O-Ring	Viton®
Maximum Operating Temperature	-4°F to 392°F



**Helpful Tip:**  
**A sample port adapter must be used to draw a sample from Trico's sample ports and pitot tubes.**



## SAMPLE PORTS

Carbon Steel P/N	Stainless Steel P/N	Port Connection (Dim A)	Dim B
36100	36102	1/8" NPT	M16x2
36101	36103	1/4" NPT	M16x2

Note: BSPT, BSPP, and O-ring boss threads are available upon request, please contact Trico's Customer Service.

## FEATURES:

- Protective cap seals against dirt and moisture.
- Cap connected to sample port with a heavy brass chain to prevent loss.
- Sample directly from lubricating oil while equipment is running.
- Minimizes introduction of contamination into system.
- Used in conjunction with proper accessories sample ports are adaptable to pressure, static, and vacuum locations.



36133



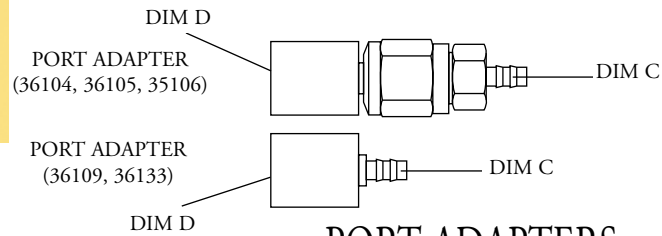
36109

Sample port adapter is used with any pitot tube, liquid level gauge, or sample ports that have a black cap.



36104, 36105, 36106

Gauge adapter can be used to attach pressure gauges for troubleshooting purposes when barb fitting is removed.



## PORT ADAPTERS

Part Number	Port Connection (Dim C)	Dim D	Material
36104	Barb for 1/4" OD Tube	M16x2	Carbon Steel
36105	Barb for 5/16" OD Tube	M16x2	Carbon Steel
36106	Barb for 1/2" OD Tube	M16x2	Carbon Steel
36109*	Barb for 1/4" OD Tube	M16x2	Plated Steel
36133*	Barb for 1/4" OD Tube	M16x2	Plated Steel

\*Does not include gauge adapter, which can be used to attach pressure gauges for troubleshooting purposes when barb fitting is removed.



# Oil Sampling Ports

The micro-bore test hose is used for remote or difficult to reach oil sampling locations, as well as locations that are too close to moving parts, making the task too dangerous. The micro-bore test hose is designed to make oil sampling safe and convenient. The hose assembly is available in various lengths for ease of installation. A bulkhead sample port is available for installations that require panel mounting.

## SPECIFICATIONS

Maximum Working Pressure	9000PSI (630bar)
Internal Dia	.08" (2mm)
Minimum Bending Radius	.75"
Thread connection	M16x2

## MICRO-BORE TEST HOSE

Part Number	Length
36119	12"
36120	24"
36121	36"
36122	48"
36123	60"
36124	72"
36125	96"
36126	120"
36127	240"

Used for remote or difficult to reach sampling locations.



## BULKHEAD SAMPLE PORT

(for use with Micro-Bore Test Hose)

Part Number	Port Connection	Material
36128	M16 x 2 Male	Carbon Steel

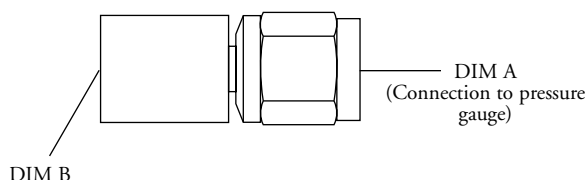


## GAUGE ADAPTERS

Part Number	Port Connection (Dim A)	Dim B	Material
36107	1/4" NPT Female	M16x2	Carbon Steel
36108	1/2" NPT Female	M16x2	Carbon Steel

Gauge adapter can be used with sample ports to attach pressure gauges for troubleshooting purposes.

GAUGE ADAPTER  
(36107, 36108)





## LUBE Control

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