

# Lubrigard Pitot Tubes

## Sampling Ports

# Fluid Sampling

THE LUBRIGARD PITOT TUBE IS DESIGNED TO ENSURE THAT REPRESENTATIVE OIL ANALYSIS SAMPLES CAN BE TAKEN EASILY AND QUICKLY.



## BENEFITS

### Fluid Sampling

Taking representative oil samples from lubricated components is often very difficult using standard sampling techniques. Sump samples at the drain plug gather excessive contamination that create exaggerated, non-reflective analysis results. Inserting a flexible tube freely or attached to a rigid component through the fill cap still does not offer repetitive placement and can in fact be a serious safety hazard.

### Improve Sampling Practices

Lubrigard Pitot Tube sample ports are designed to provide you with a safe, simple and effective method of sampling your fluids from sumps and non-flooded horizontal drain lines. The thick walled tubing can be bent and directed to the ideal sampling location.

### Standard Design

Fixed with a 1/4" NPT fitting and 1/4" stainless tubing, the Fixed Pitot Tube adapts directly into your equipment for simple, single component installation which is a safe, solid integration to most mechanical components. The M16 x 2 sample port provides environment isolation for sample integrity and the built in dust cap protects the sampling area when not in use. The O-ring equipped in the M16 x 2 dust cap provides second stage leak protection.

### Adaptable Design

Available in 12", 18" and 24" standard sizes, Lubrigard Pitot Tubes can be user modified to meet all your sampling needs. The Fixed Pitot Tube is also available in several custom sizes and lengths. With a swivel adaptor installed the Lubrigard Pitot Tube can be bent to accommodate sampling ports above the lubricant level.

## OVERVIEW

- Quickly and easily take representative oil samples.
- Fits standard 1/4" drain plugs.
- Tubing constructed of stainless steel, sample test port constructed of coated steel.
- Available in 12", 18", 24" and custom lengths.
- Can be fitted with a swivel adaptor and easily bent for ports located above oil level.
- Pitot Tubes available for high-viscosity oils (>220 cSt).

## KEY SPECIFICATIONS

<b>Material (Tube)</b>	Coated steel / Stainless Steel
<b>Material (Sample Port)</b>	Coated steel
<b>Overall Length (Tube)</b>	24" or 18" or 12"
<b>Thread Size</b>	1/4" NPT



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### ACCESSORIES

#### Swivel Adaptor [PTS01]



Converts standard pitot tube to swivel style.

#### Tube Cutter [PTC1412]



For cutting 1/4" stainless-steel pitot tubing to custom lengths

#### Tube Bender [PTB01]



For bending swivel style pitot tubes

#### Hi-Pressure Sampling Hose [SHHP01]



For easy and convenient oil sampling from standard pitot tubes

#### Steel Samolina Probe [SLF4]



Suitable for use with L-Series (High-Viscosity) pitot tubes

#### Sampling Pump [SP38]



Used with SHHP01 for oil sampling

### STANDARD ASSEMBLIES

Standard Pitot Tubes are excellent for sampling from low to moderate viscosity oils (2 cSt – 220 cSt). Used in combination with the Hi-Pressure Sampling Hose (SHHP01) a wide variety of representative oil samples can be taken easily.

#### Fixed Pitot Tubes



12" [B14NT12]  
18" [B14NT18]  
24" [B14NT24]

#### Swivel Pitot Tubes



12" [B14NTS12]  
18" [B14NTS18]  
24" [B14NTS24]

### HIGH VISCOSITY PITOT TUBES

These unique pitot tubes are suitable for high-viscosity oils (>220 cSt). Used in combination with the Steel Sampling Probe (SLF4) heavy gear oil samples can be taken up to 10x faster than with standard pitot tubes.

#### Fixed Pitot Tubes High-Viscosity



12" [L14NT12]  
18" [L14NT18]  
24" [L14NT24]

#### Swivel Pitot Tubes High-Viscosity



12" [L14NTS12]  
18" [L14NTS18]  
24" [L14NTS24]



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