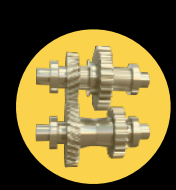




# US Petrolon Industrial

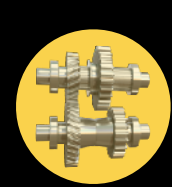
lubricants · filtration · oil analysis · oem filters · reclamation · lube rooms

## Standard Oil Sampling SOP



# Introduction

- Taking proper oil samples will ensure accurate results which saves time and money by avoiding unnecessary filter or oil changes.
- **Important Note:** Only sample when machinery is running and at optimal temperatures. NEVER sample when machinery is OFF.



# Sampling Equipment

Look for one of these push button oil sample probes.

NH3 Rated/Air Compressor



USPI Part #: 21030

Low Pressure/Wash-Down

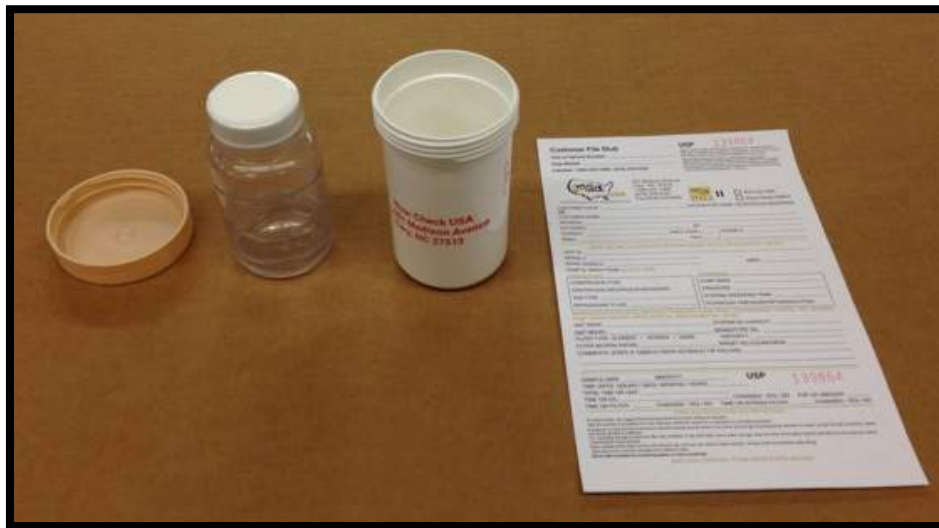


USPI Part #: 21026

# Oil Analysis Sample Kits

You will need an oil sample kit in order to take an oil sample.

WearCheck Oil Sample Kit



USPI Part #: 15500

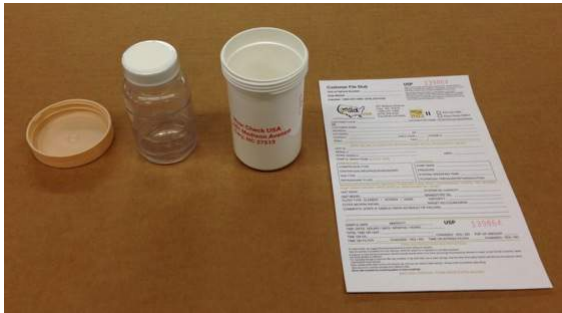
Note: Sample kits will come pre-labeled from USPI for your equipment.



# Preparation: Gather Supplies

When sampling you will need:  
(plus plant required PPE)

an oil sample kit



a waste container



a pair of heat resistant gloves



clean hands

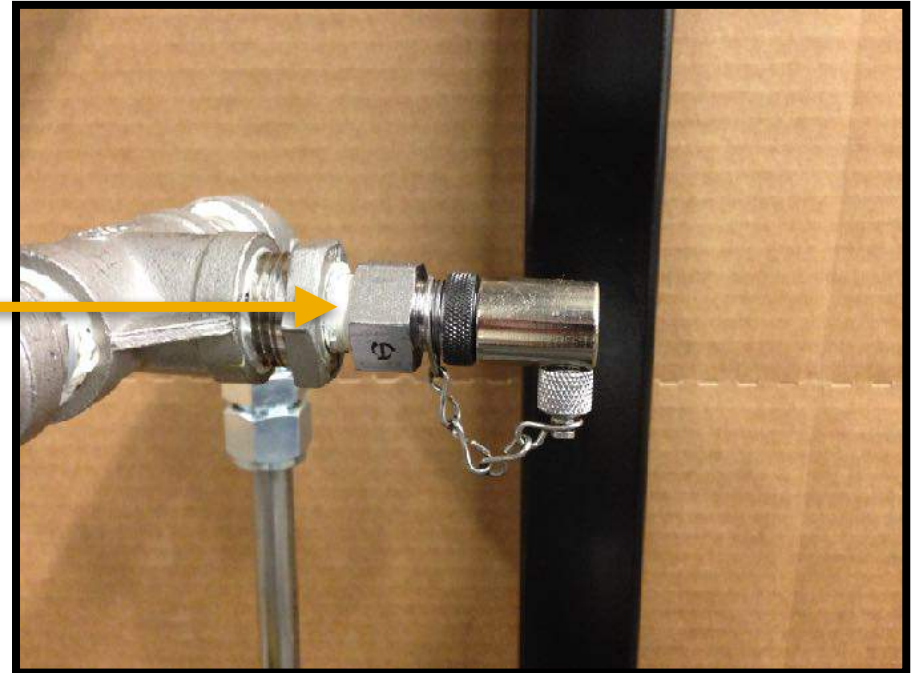


a clean rag or paper towel





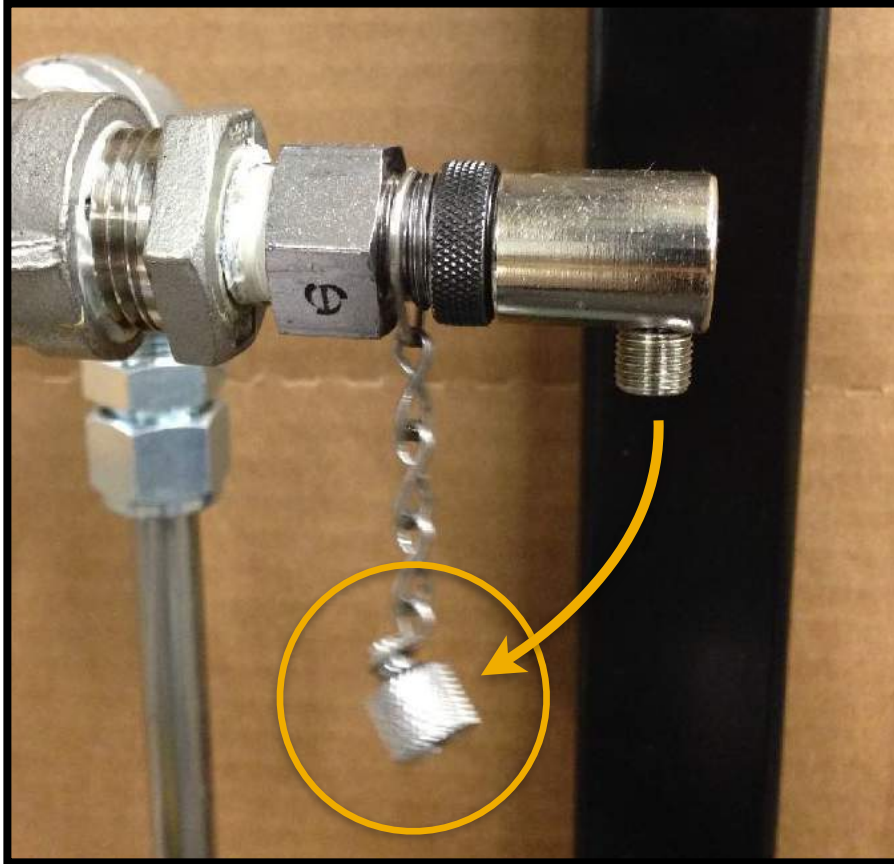
# Procedure: Step 1



Locate the oil sample probe on your USPI filtration system.



# Procedure: Step 2



1

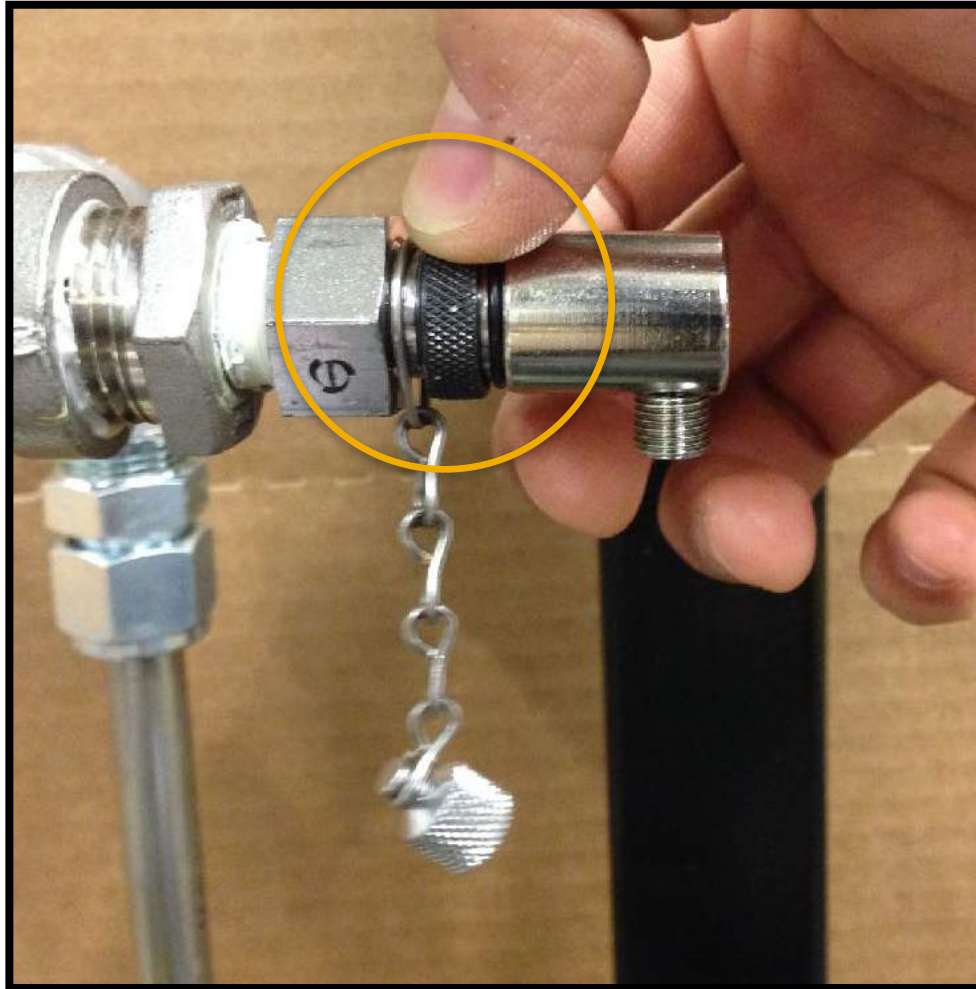


2

- (1) Remove the cap from the spout.
- (2) Wipe the spout clean with a clean rag or paper towel as shown.



# Procedure: Step 3

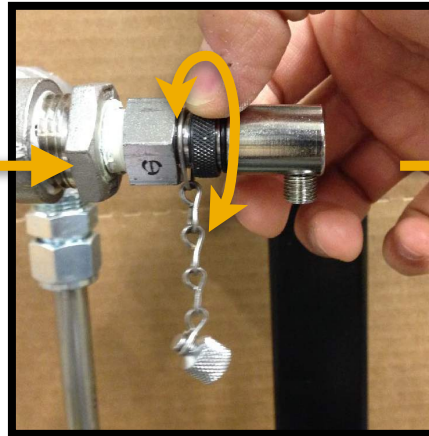


Loosen the locknut washer  
to allow the oil sample probe to be depressed and allow oil flow.





# Procedure: Step 4



Purge approximately 4 oz. into a waste container.

If the oil is under high pressure, adjust the locknut washer to allow for steady flow.



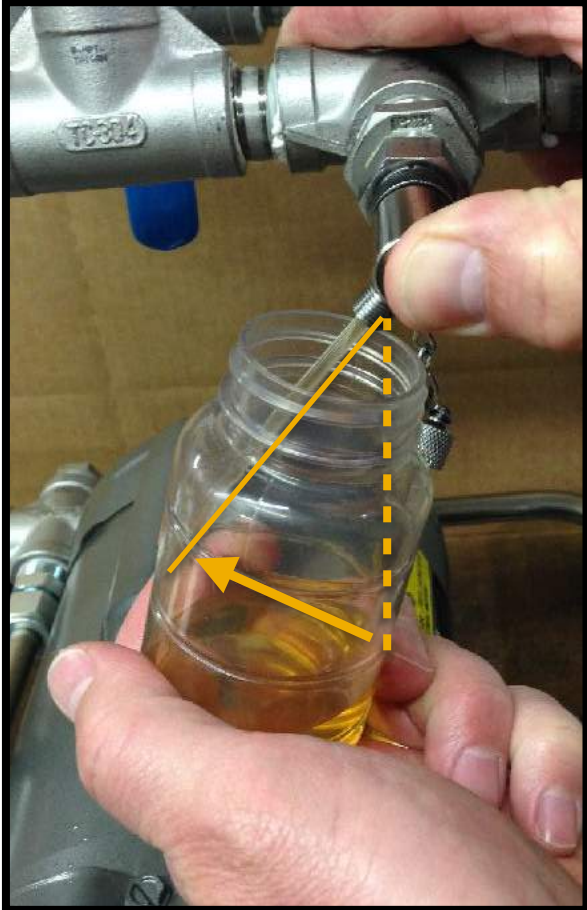
# Procedure: Step 5



Remove the cap from the bottle and place the cap upside down on a clean surface to prevent contamination. Limit the time the cap is off the bottle during sampling.



# Procedure: Step 6



1



2

(1) Angle the spout at  $45^\circ$  to help dissipate foam, prevent the oil from splashing, and prevent contamination that could fall into the bottle from the probe's collar.

(2) Fill the bottle all the way to the shoulder as shown on the right.

# Procedure: Step 7



Once the bottle is filled, immediately screw the cap back on the bottle.



# Procedure: Step 8



1



2



3

- (1) Tighten the locknut washer on the oil sample probe.
- (2) Wipe the spout clean.
- (3) Screw the cap back on the spout.



# Shipping: Step 1

**Customer File Stub**  
Unit or Vehicle Number \_\_\_\_\_  
Date Mailed \_\_\_\_\_  
Inquires: 1-800-237-1369 / (919) 379-4102

WEAR CHECK USA  
Division of Safety, Industrial Corp.  
Cary, NC 27513  
1-800-237-1369  
(919) 379-4102  
Fax: (919) 379-4050

IND II PD Post TAIN  
Four Point ONLY

DISTRIBUTOR NAME: US PETROL INDUSTRIAL

UNIT ID: \_\_\_\_\_  
SERIAL # \_\_\_\_\_  
WORK ORDER # \_\_\_\_\_ AREA \_\_\_\_\_  
SAMPLE TAKEN FROM: (EPOLE ONE)

COMPRESSOR TYPE: \_\_\_\_\_  
CENTRIFUGAL/RECIPROCATING/ROTARY \_\_\_\_\_  
GAS TYPE: \_\_\_\_\_  
REFRIGERANT FLUID: \_\_\_\_\_

UNIT MAKE: \_\_\_\_\_ SYSTEM OIL CAPACITY: \_\_\_\_\_  
UNIT MODEL: \_\_\_\_\_ BRAND/TYPE OIL: \_\_\_\_\_  
FILTER TYPE, ELEMENT / SCREEN / NONE \_\_\_\_\_ VISCOSITY: \_\_\_\_\_  
FILTER MICRON RATING: \_\_\_\_\_ TARGET SO CLEANNESS: \_\_\_\_\_  
COMMENTS (STATE IF SAMPLE TAKEN AS RESULT OF FAILURE): \_\_\_\_\_

SAMPLE DATE: \_\_\_\_\_  
TIME UNITS: HOURS / DAYS / MONTHS / YEARS

TIME ON OIL: \_\_\_\_\_ CHANGED: YES / NO TOP UP AMOUNT: \_\_\_\_\_  
TIME ON FILTER: \_\_\_\_\_ CHANGED: YES / NO TIME ON BYPASS FILTER: \_\_\_\_\_ CHANGED: YES / NO

ENCLOSE ORIGINAL FORMS AVOID EXTRA BILLING

**Customer File Stub**  
Unit or Vehicle Number Comp. #1  
Date Mailed 11/12/13  
Inquires: 1-800-237-1369 / (919) 379-4102

1

SAMPLE DATE: MM/DD/YY  
TIME UNITS: HOURS / DAYS / MONTHS / YEARS  
TOTAL TIME ON UNIT: \_\_\_\_\_

2

- (1) Write the Unit ID on the stub (top portion).
- (2) Write in the oil sample date on the Sample Information Form (SIF).



# Shipping: Step 2



1



2



3

- (1) Tear off the SIF stub and keep it until you receive the oil report.
- (2) Fold the SIF lengthwise, wrap it around the bottle, and put **both** in the container.
- (3) Ship the sample(s) to the address supplied on oil sample container.



# Questions?

Contact Us:



# US Petrolon Industrial

lubricants • filtration • oil analysis • oem filters • reclamation • lube rooms

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