# Product Information

## Xtract™ Contamination Removal

## Xtract™ Oil Level Indicator

***Monitor the oil level in your machinery.***

### Applications

- Pumps
- Gearboxes
- Storage tanks

# Xtract™ Oil Level Indicator

## Description

The Oil Level Indicator (OLI) was developed in response to the need of maintenance professionals to gauge the oil level inside large tanks, gearboxes and reservoirs. The OLI is a high-performance transparent polyamide column with 1/2" NPT threads at each end. Red and green level marker stickers are included with the OLI to mark upper and lower limits, or to designate running oil level and idle oil level. Utilizing the drain port, operators can visually monitor the fluid level within reservoirs.

## Key Benefits

- 360˚ view of oil clarity and level
- Easy to install
- Closed-loop or filtered installation options
- Multiple lengths available

## By the Numbers

1–ND-2 Breather (sold separately)

2–Idle/Maximum Oil Level Marker

3–Running/Minimum Oil Level Marker

Adapter sold separately.

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# Specs

## Material
- Transparent Polyamide
- Brass fittings standard (15" and above)

## Recommended Temperature Range
- -40˚F to 200˚F
- -40˚C to 93˚C

## Maximum Operating Pressure
- 65 psi
- 4.48 bar

## Chemical Compatibility
- All gear, mineral and synthetic oils

## Available Options
- Lengths ranging from 3" to 15"
- Stainless steel fittings
- 2-micron breather cap (3" to 12" models)
- Xclude ND-2 Breather 0.3µ absolute ($ß_{0.3}$≥1000) (15" and larger models)
- Custom lengths available upon request

## Sizing

| Part Number | Description | Overall Length | | Diameter of Acrylic | |
|---|---|---|---|---|---|
| | | (in) | (cm) | (in) | (cm) |
| LEXOL-3 | 3" OLI - 1/2" MNPT X 1/2" MNPT | 3 | 7.62 | 0.875 | 2.223 |
| LEXOL-6 | 6" OLI - 1/2" MNPT X 1/2" MNPT | 6 | 15.24 | 0.875 | 2.223 |
| LEXOL-9 | 9" OLI - 1/2" MNPT X 1/2" MNPT | 9 | 22.86 | 0.875 | 2.223 |
| LEXOL-12 | 12" OLI - 1/2" MNPT X 1/2" MNPT | 12 | 30.48 | 0.875 | 2.223 |
| LEXOL-15 | 15" OLI - 1/2" MNPT X 1/2" MNPT | 15 | 38.10 | 0.875 | 2.223 |

# Q & A

### Why use an Oil Level Indicator instead of a vented sight gauge?

The old style vented sight towers are made of regular glass that is prone to breaking. The brass housing provides some protection, but creates the problem of low-to-no visibility of the oil color, quality and level. The OLI is made of strong high-performance transparent polyamide that provides 360° of oil level viewing.

### Which size Oil Level Indicator do I need?

Measure the distance from the drain port of your equipment to the top of the oil level. Once you determine this measurement, select the next longest available size of the OLI. It is recommended that you choose an OLI at least 1" taller than your actual oil level to avoid spilling caused by over-filling or underestimating the level of oil in your equipment.

### I'm concerned about the Oil Level Indicator breaking. What can I do to prevent this?

Install the OLI in a location that is protected from mobile equipment or other high-impact hazards. It is also recommended that users install a ball-valve between the drain port and the product being used. The ball-valve allows instantaneous shut-off of oil flow if necessary.

### How is the Oil Level Indicator installed?

Use an elbow to install the OLI at the drain port. It can be installed with the optional breather at the top 1/2" NPT port. If you require a closed loop, the 1/2" NPT can be used as a connector port to feed back into the system. For units longer than 12", it is recommended that users install a support bracket for stability.

### How durable is polyamide?

Polyamide is extremely durable. With excellent weathering and UV resistance, it is capable of withstanding years of exposure to sun, rain, and other extreme conditions.

### How can I clean/replace the Oil Level Indicator without having to drain the oil from my equipment?

Installing a ball-valve between your drain port and the OLI will allow users to shut off the flow of oil in order to clean or replace the product. Cleaning the products typically requires just soap and water. Cleaning agents should be avoided, as they can cause fogging, crazing and degradation of the optical quality of the acrylic.

### When should I replace my Oil Level Indicator?

Years of exposure to extreme weather or caustic chemicals will degrade the polyamide over time. Watch for fogging and crazing (small cracks appearing on the surface of the polyamide). Given enough time, the Oil Sight Glass will degrade to a point where it is difficult to see through, and it will need to be replaced.

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