

Fleetguard®



REN™

Fluid Level Sensors, Controls and Reservoirs

LUBE



REAL™ Performance.

The First Name in Fluid Level Automation Since 1948



Oil Level Regulator

The REN™ Oil Level Regulator automatically maintains the proper crankcase oil level in multi-cylinder engines that are used in stationary applications. It saves on oil consumption and increases engine overhaul intervals simply by maintaining an optimum engine oil level. It is installed on the inlet side of the crankcase downstream from a REN Slow Flow Meter.

Features

- Long life, vibration resistant brass/metal valve
- Visible oil level and float design
- Low Fluid Level warning switch
- Compact size: 4-3/8 in x 5-3/8 in x 5 in (111 mm x 137 mm x 127 mm)
- Standard 1/2 in NPT outlet/inlet ports with left or right side locations

Benefits

- Eliminates costly frequent manual oil checking and filling
- Proven long-life providing years of reliable service (over 55 years)
- Maintains optimum engine oil level
- Easy to install and understand
- Can be matched with REN Slow Flow Meters and/or Continuous Oil Change Modules

Part #	Description
RN24006	REN Kit, Oil Regulator with Bracket, Hose & Fittings
RN24007	REN Oil Level Regulator Only



Slow Flow Meter

The REN Slow Flow Meter is intended for measuring lube oil consumption on engine and compressor applications. Its positive displacement design, generated by two pistons, allows extremely slow oil flow measurements less than 10 gph (38 lph) and within 0.5% accuracy.

Features

- Teflon piston seals in microfinished cylinders for long life
- Magnetically driven counter through an aluminum barrier eliminates packing glands and oil seals
- Electronic readout with five year life lithium batteries
- Readouts are available to display volume
- Optional Gallon/Liter display and remote readout

Benefits

- Provides an indication of engine condition
- Low maintenance, cost effective solution for visible and accurate reading of engine oil consumption
- Remote mount option tracking provides continuous access to engine data
- Can be used with the REN Oil Level Regulator, making a perfectly matched oil control system
- Intrinsically safe design can be used in hazardous areas
- Digital readout is easier to read

Part #	Description
RN24026	REN Slow Flow Meter with Remote Electronic Readout (Gal.)
RN24044	REN Intrinsically Safe Slow Flow Meter with Digital Readout (Gal.)
RN24045	REN Intrinsically Safe Slow Flow Meter with Digital Readout (L)

REAL™ Technology.

Quality, Reliability and Performance for Longer Engine Life



Continuous Oil Change Module

The REN™ Oil Change Module is used with a REN Oil Level Regulator to continuously change oil on a running engine. Maintaining constant oil quality regardless of engine running time leads to longer life and extended time between overhauls. For engines that must run without interruption, continuous oil change greatly reduces and simplifies maintenance. The used oil can be routed to a waste tank or into the fuel.

Features

- Calibrated in gallons, quarts and liters
- Compact size and rugged construction
- Electrical circuit protected against voltage spikes, reverse supply voltage and noise
- Adjustable up to 0.99 Gal./Qt./L per hour with oil pressures of 40 psi (275.8 kPa) and above

Benefits

- Maintains constant oil quality for longer engine life
- Extended oil change intervals
- Remote mount option tracking
- Can be used with the REN Oil Level Regulator

Part #	Description
RN24000	12V Oil Change Module (Gal.)
RN24001	24V Oil Change Module (Gal.)
RN24002	12V Oil Change Module (L)
RN24003	24V Oil Change Module (L)
RN24004	12V Oil Change Module (Qt.)
RN24005	24V Oil Change Module (Qt.)



Liquid Level Switch

The REN Liquid Level Switch is used to indicate levels of engine oil, hydraulic fluid and coolant antifreeze. A single pole, double throw, magnetically actuated switch is double sealed from explosive environments through the use of two barriers: a stainless steel and hermetically sealed glass switch housing. Four inlet/outlet ports and an adjustable mounting pad allow great flexibility in installation. Wiring is simple with the help of a removable electrical housing cover.

Features

- UL listed for use in Class 1, Groups C and D hazardous locations
- Cast aluminum construction
- Dual Barriers: stainless steel and hermetically sealed glass with a magnetically actuated switch
- SPDT switch to open or close an electrical circuit up to 240 V DC/AC
- Four 1/2 in NPT connection ports

Benefits

- Can be used with oil, hydraulic fluid, coolant antifreeze or most liquids
- Operates in temperatures from -40 °F to 248 °F (-40 °C to 120 °C)
- Built tough for use in explosive environments

Part #	Description
RN24011	REN Liquid Level Switch

REAL™ Solutions.

Most Versatile Range of Oil Regulation Products

Oil Supply Reservoirs

5, 15 and 30 Gal. (18.9, 56.8 and 113.6 L)



REN™ Oil Supply Reservoirs are used with REN Oil Level Regulators and are installed as close as convenient to the regulator. No more than 10 feet (3.1 meters) of hose full of fluid attached to the Oil Supply Reservoir should precede the REN Oil Level Regulator.

Part #	Description
RN24012	REN 5 Gal. (18.9 L) Oil Supply Reservoir and Stand
RN24015	REN 15 Gal. (56.8 L) Oil Supply Reservoir and Stand
RN24017	REN 30 Gal. (113.6 L) Oil Supply Reservoir and Stand

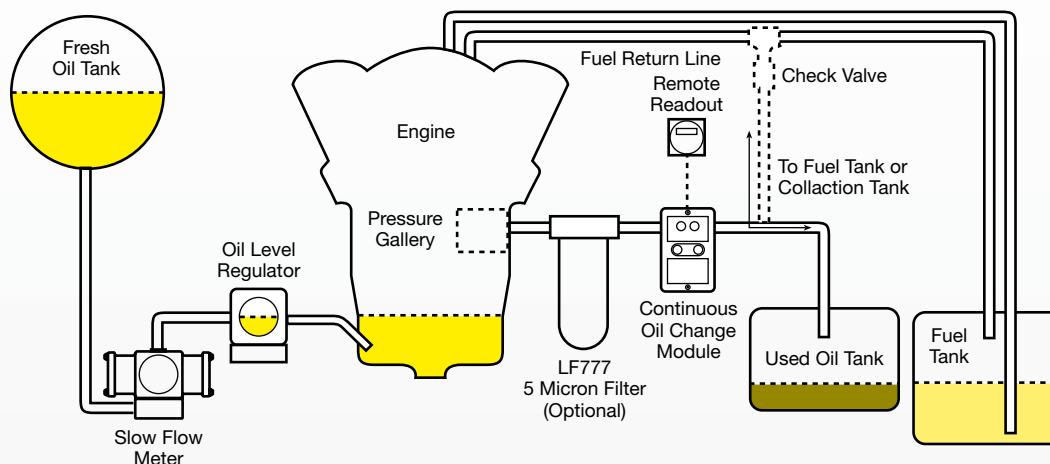
Features

- All steel construction
- Industrial enamel finish
- Reike 2 in (50.80 mm) filler cap
- Dust-proof vent
- Brass 1/2 in NPT shut-off valve
- Mounting stands available for 15 and 30 Gal. (56.8 and 113.6 L) reservoirs
- Pedestal 12 in (304.80 mm) pipe mount for 5 Gal. (18.9 L) reservoir

Benefits

- Can be used in conjunction with the REN Oil Level Regulator, Slow Flow Meter and Continuous Oil Change Module
- Provides a complete fluid replenishment system

Typical Installation



For more information, visit
cumminsfiltration.com

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