

FBO-14-DPL

Fuel Filter/Water Separator
Provides CLEANDiesel® For Connaughton
Sand & Gravel Ltd

Market Application Publication



Application

Fuel dispensing bund tank,
Athlone Co. Westmeath

The Problem

Connaughton Sand & Gravel Ltd were suffering from algae and water contamination in their diesel storage tank causing injector issues, excessive exhaust smoke and coolant pump corrosion from their fleet of Volvo CE wheel loader, excavators and dump trucks.

Solution

Fuel Dispensing FF/WS,
Part Number FBO-14-DPL.

- Heavy-duty assembly
- Water separator element
- Delta P gauge
- Sight glass
- Drain valve

Contact Information

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Why Racor was chosen as the solution

The FBO-14 filter assemblies are designed to meet the toughest fuel refueling conditions and offer easy cartridge changeouts.

FBO Series offers a compact way to deliver clean diesel.

These versatile housings have three filter options to meet various requirements: a fuel filter/water separator, a silicone treated filter, and a water absorber. For fuel dispensing applications the fuel filter/water separator element is recommended.



ENGINEERING YOUR SUCCESS.




How the Solution Works

Racor's great reputation and wide selection of products made us the perfect solution. The size of units, water separator elements, a wide variety of micron ratings, ability to drain water, differential pressure gauge, longer life than spin on and ease of service made the FBO-14-DPL the perfect solution for the application.



Filter Cartridge Chart

FBO	Micron Rating	Water Separator	Silicone Treated Filter	Water Absorber
 FBO-14 (6 X 14 Element)	1	FBO 60336	FBO 60339	FBO 60342
	5	FBO 60337	FBO 60340	FBO 60343
	10	FBO 60356	FBO 60357	FBO 60358
	25	FBO 60338	FBO 60341	FBO 60344



Technical Information

Specifications	Maximum Flow Rates			Clean	Change
	FBO-14	Diesel	Gasoline	Kerosene	Delta P
Silicone Treated Filter	30 GPM (113 LPM)	75 GPM (284 LPM)	50 GPM (189 LPM)	2.5 PSID	15 PSID
Water Separator	25 GPM (95 LPM)	45 GPM (170 LPM)	30 GPM (113 LPM)	2.5 PSID	15 PSID
Water Absorber	25 GPM (95 LPM)	70 GPM (265 LPM)	55 GPM (208 LPM)	2.5 PSID	30 PSID



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