

SPECIFICATIONS

Telecom BTS Site Applications



1,000 hours Extended
Generator Maintenance Interval

ProtXL is an Engine Oil and Diesel Fuel Maintenance Filtration Program that achieves:

- 🔥 No Free or Emulsified Moisture
- 🔥 Breaks The Engine Oil Acid Cycle
- 🔥 Years of proven results in various industries around the Globe
- 🔥 Fuel Cleanliness Standard better than the USA Federal Specification of 10 mg/kg
- 🔥 Reduced the Engine Service OPEX Budget by +60%
- 🔥 Increased Engine Availability and Service Life
- 🔥 Reduced Diesel Fuel Consumption **5%** or more

ECO Smart
Telecom Standby Power

EXTEND Oil Service Intervals Diesel Fuel Savings
and **SIMULTANEOUSLY** Increase
ENGINE LIFE



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Competitive Edge	Breaks engine oil Acid Cycle to conserve oil Additive Package including TBN
Type of Filtration	Oil Bypass and In-Line for diesel fuel
Filtration Process	Edge-on Depth Filtration
Particulate Filtration	Down to 3 micron on multiple pass with additional absolute 10 micron
Retention Properties	The filter (element) absorbs and retains free water and emulsified water, sludge and captures particulates and will NOT release contaminants
Emulsified Moisture	In addition to capturing free water, the filter element retains all emulsified moisture - without the use of a vacuum chamber
Element Design	The same filter (element) is used for oil and diesel fuel filtration
System Design	The ProtXL system comprises of two separate canisters (one for oil and one for fuel) each with a replaceable filter element enclosed
Material Type	Cellulose (no dyes, no acetone, no reagent)
Canister Size	One size of filter canisters for Telecoms BTS Site standby power applications 140mm x 160mm (Diesel) and 140mm x 150mm (Oil)
Canister Weight	Approx. 0.4 kg
Canister Color	ProtXL Green (Colour may be customized)
Canister Shape	Cylindrical
Oil Filtration Rate	500ml to 750ml per minute
Fuel Filtration Rate	4 Litres per minute
Installation	Close to the engine chassis with a purpose manufactured bracket
Filter Element Change	Oil and Fuel filters to be changed based on acceptable oil analysis and the supplied fuel quality
Engine Services	The standby generator service interval can be specified to achieve 1,000 hour extended oil and filter element change, and up to 5,000 hour extended oil change
Order Codes	Engine Oil Canister PO130HP and Diesel Fuel Canister PF4LPM

*Significantly Reduce
usage of Fossil Fuels*



*Possibly the Worlds
Best Filtration System
for Refined Fossil Fuels*



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