ADVANCED LPG FILTRATION SYSTEMS

Improves Power, Reduces Downtime & Maintenance Costs, Cuts Emissions.

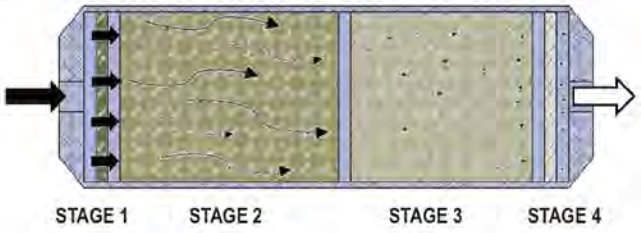
BLUEMOON® LPG FILTRATION SYSTEMS

BlueMoon® LPG Filtration Systems are designed to remove particulates, water, heavy oils and harmful chemicals present in LPG due to inadequate refinery practices, poor filtration and unclean holding tanks & transport vehicles. These impurities negatively impact LPG performance efficiencies and can lead to increased equipment downtime and maintenance expenses and unhealthy environmental emissions.

BlueMoon® proprietary and highly advanced 4-stage filtration systems trap and remove particulates, water, heavy oils and other impurities down to 5-microns in size from LPG. The result is a super clean burning fuel with improved performance characteristics and higher power output that can reduce maintenance and downtime expenses, expand equipment life and cut harmful emissions.

ADVANCED MULTI-STAGE BLUEMOON® LPG FILTRATION SYSTEMS REMOVE UP TO 93% OF WATER, HEAVY OILS & PARTICULATE IMPURITIES FROM LPG.

BLUEMOON® ADVANCED 4-STAGE LPG FILTRATION SYSTEM



BlueMoon® advanced 4-stage filtration systems are design to remove particulates, water, heavy oils and other impurities down to 5-mircons in size from LPG. The result is a super clean burning fuel that can boost performance, lower maintenance and downtime expenses, extend equipment life, and cut environmental emissions.

STAGE 1: The first stage of the BlueMoon® filtering process is designed to trap and retain water, heavy oils and small to medium size particulates (20 - 40 micron), along with most sulfur. As fuel passes through the first filter, water droplets collide to form larger droplets which fall out of the fuel flow along with heavier particulates.

STAGE 2: The second stage's low micron grid is designed with space before and after to allow lighter, medium size particulates and droplets to collide and form larger, heavier droplets. These smaller droplets (down to 20-micron) will be retained by the filter, or allowed to become larger and drop back to the first stage through a combination of particulate attraction and fluid movement designed to prolong filter life.

STAGE 3: The third stage of the filtering process contains a 10-micron ceramic coalescer and very low micron grid. Any small particulates, water droplets and heavy oils reaching this stage do not follow a perfect flow path, but randomly collide allowing the filter's wall and filter media to form encapsulating droplets down to 10-micron in size that are captured by the filter.

STAGE 4: The fourth and final filter stage is comprised of a 5-micron ceramic coalescer and extremely low micron grid. It provides an optimum non-channel filter media structure with rough surfaces serving as obstacles to the flow path. This causes finer water, heavy oils and particulate molecules to collide with one another until they become large enough to be trapped by the extremely low micron filter media. As most impurities have already been removed up to this point, the 5-micron filter stage is able to work more efficiently and sustain a longer filter life.

Combine BlueMoon® LPG Filtration Systems With Energy Additives™ LPG Enhancement Treatments for Maximum Performance.

Ask your sales representative how to combine BlueMoon® LPG Filtration Systems with Energy Additives™ treatment products to maximize LPG performance efficiencies.

BlueMoon® LPG Filtration Systems come in in a variety of sizes and flow rates to accommodate the filtering needs of large LPG storage and transfer facilities, down to forklifts and tow-motors.

BLUEMOON® LPG FILTERS

MODEL	PORT SIZE	FLOW RATE[1]	WORKING PRESSURE
FST418	3" NPT	85 - 170 GPM	350 PSI
FST124NS	2" NPT	65 - 85 GPM	350 PSI
FST634NS	1" NPT	50 GPM	350 PSI
FST42	3/8" NPT	15 GPM	150 PSI
FST63	1" NPT (Disposable)	35 GPM	150 PSI
FST26	3/8" NPT (Disposable)	15 GPM	150 PSI

[1] Recommended flow rates are for maximum efficiency.

BLUEMOON® LPG FILTER REPLACEMENT CARTRIDGES

FILTER CARTRIDGE	FITS MODEL	AVE. LIFE SPAN GAL (000)	MICRON FILTRATION
FSTRF8	FST418	500 - 800	40 → 5
FSTRF4NS	FST124NS	500	40 → 5
FSTRF6NS	FST634NS	250	40 → 5
FSTRF2	FST42	1.2 - 1.4	40 → 5

[1] Recommended flow rates are for maximum efficiency.

Note: All information depends greatly on operating conditions and fuel quality.

ENERGY ADDITIVES™

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