



# Millennium Technology System

BYPASS OIL FILTRATION

WITH  
**POLYDRY™**

**Let Us Help You Reduce Engine Oil Maintenance Costs (up to 90%):**

- ✓ Safely Extended Oil Drains
- ✓ Reduced Oil Purchase, Transportation & Storage
- ✓ Reduced Waste Oil & Disposal Costs

**Improve Operating Efficiency By:**

- ✓ Equipment Always Running on Constantly Clean Oil
- ✓ Reducing Engine Wear
- ✓ Improving Equipment Availability - Less Downtime
- ✓ Extending Life to Overhaul

**WE JUST BROUGHT  
FIGHTING DIRTY  
TO A WHOLE NEW LEVEL**



## THE **puradYN**<sup>®</sup> MTS

Our new Millennium Technology System (**MTS**) provides the same micro-fine oil filtration of our industry-known TF and PFT models, but with the added enhancement of water contaminant removal through polymer technology. The **MTS** is a high-efficiency multi-stage bypass filtering system designed for engines to remove solid contaminant to below one micron, liquid contaminants, and replenishing base additives through our patented additive release to maintain the oil's chemical balance.

The **puradYN**<sup>®</sup> **MTS** is a robust model which comes equipped with a mounting bracket for greater stability. This configuration works particularly well meeting new engine requirements. In conjunction with the full flow filter, the **puradYN**<sup>®</sup> **MTS** keeps oil continuously clean and therefore maximizes the life of your engine.

**MTS** filtration technology is more compact in size, making installation easier. Like the TF and PFT, the **MTS** models are capable of effectively filtering the same **LARGE CAPACITY OIL SUMPS** and engines using any type of fuel - diesel, gasoline, propane, natural gas, compressed natural gas, or biodiesel.

The **puradYN**<sup>®</sup> oil family of oil filtration systems are the **only** bypass systems which address:

1. Removal of solid contaminants to below one micron (validated through independent lab testing)
2. Removal of liquid contaminants
3. Replenishment of base engine oil additives to properly maintain the oil's chemical balance and viscosity



KEEP IT **GREEN**. . . .

### COMPANY COMMITMENT:

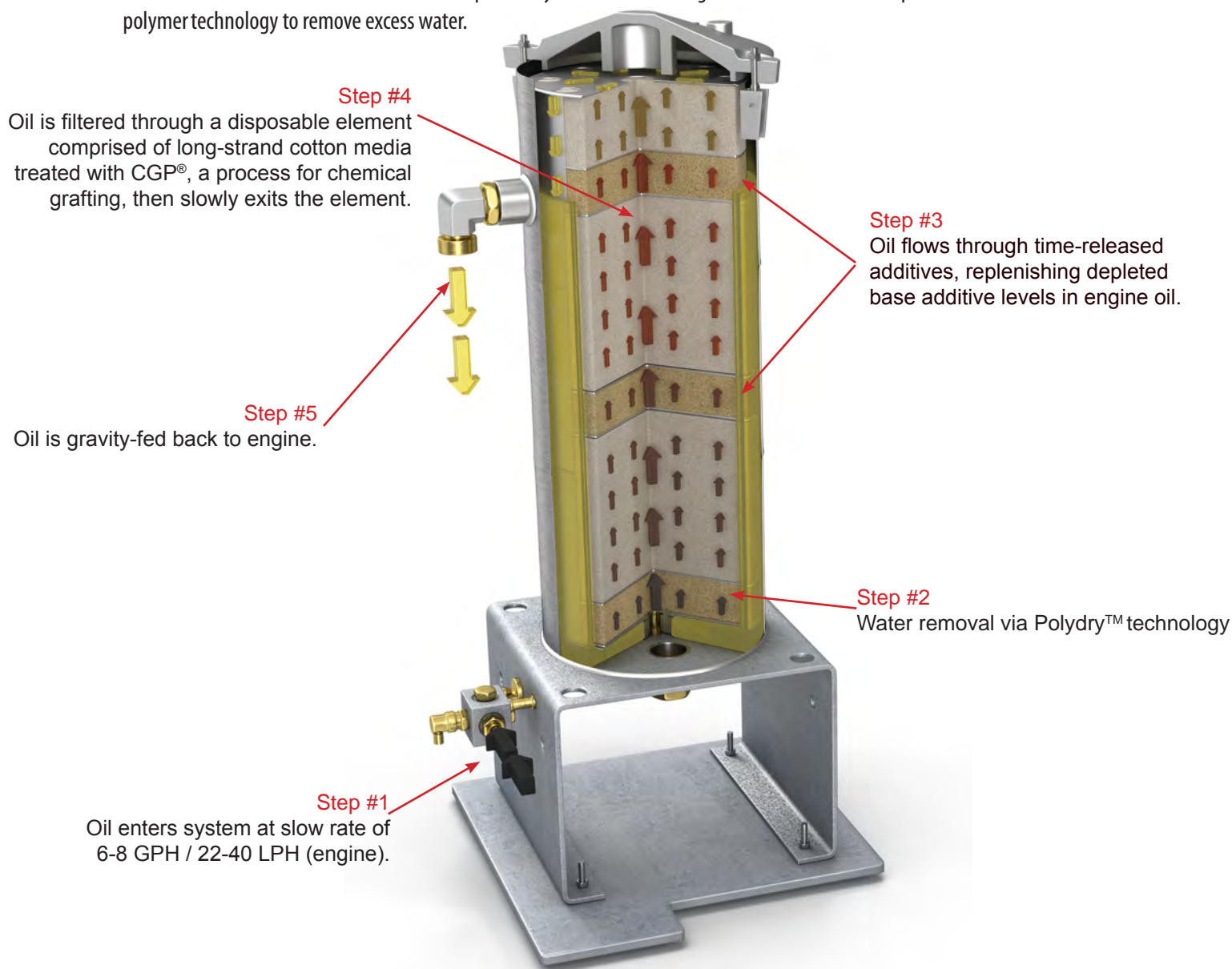
- ✓ 25+ years in the Bypass Oil Filtration Business
- ✓ Will Not Void Manufacturer's Warranty
- ✓ Insured Up to \$1M per Liability
- ✓ Equipment Operates on Continuously Clean Oil
- ✓ Six-Month Money Back Guarantee
- ✓ Five-Year Unlimited Miles/Hours Warranty on Unit

# POLYDRY™ FILTRATION FOR MTS

The Polydry™ filter incorporates polymer technology which has been specifically designed for the MTS series. The Polydry™ filter removes the water contamination that occurs naturally through the combustion process, whether dissolved into the oil, emulsified, or free standing. All forms of water are potentially harmful to lubrication systems, affecting lubricity, viscosity, and additive degradation from acid-based chemical reactions.

Our Polydry™ replacement filter element is used exclusively in conjunction with the MTS model and is offered in the following filter series:

- Non-Additive filter that contains CGP® for added particle retention and the polymer technology recommended for hydraulics to remove excess water contaminant.
- Additive filter that contains CGP® with XD Additive and polymer technology that is recommended for use with lubricating oils specific for diesel and gasoline-powered engines in a variety of operating conditions, including heavy-duty applications operating in harsh environments.
- Additive Filter with XD Additive formulated specifically for Natural Gas engines with CGP® for added particle retention and the polymer technology to remove excess water.



# M O D E L S P E C I F I C A T I O N S

Model Number	MTS-8	MTS-8X12	MTS-12	MTS-24	MTS-40	MTS-60	MTS-240
Maximum Engine Oil Capacity *	Up to 10 quarts	Up to 24 quarts	Up to 24 quarts	Up to 44 quarts	Up to 100 quarts	Up to 172 quarts	Up to 340 quarts
	Up to 9.6 litres	Up to 22.7 litres	Up to 22.7 litres	Up to 41.7 litres	Up to 94.7 litres	Up to 162.8 litres	Up to 322 litres
Flow rate (engines)	6 - 8 GPH	6 - 8 GPH	6 - 8 GPH	6 - 8 GPH	6 - 8 GPH	6 - 8 GPH	6 - 8 GPH
	22 - 40 LPH	22 - 40 LPH	22 - 40 LPH	22 - 40 LPH	22 - 40 LPH	22 - 40 LPH	22 - 40 LPH
Height **	8 in	11.1 in	8 in	11.0 in	12.9 in	16.9 in	29.4 in
	20.3 cm	28.2 cm	20.3 cm	28 cm	32.8 cm	43 cm	74.7 cm
Width	7.0 in	7.0 in	9.3 in	9.3 in	10 in	10 in	10 in
	17.8 cm	17.8 cm	23.6 cm	23.6 cm	25.4 cm	25.4 cm	25.4 cm
Depth	6.6 in	6.6 in	8.6 in	8.6 in	10.6 in	10.6 in	11.9 in
	16.8 cm	16.8 cm	21.8 cm	21.8 cm	27 cm	27 cm	30.2 cm
Shipping Weight	9.5 lbs	12.5 lbs	14.5 lbs	19.0 lbs	28.0 lbs	35.0 lbs	48.5 lbs
	4.3 kg	5.7 kg	6.6 kg	8.6 kg	12.7 kg	15.9 kg	22.0 kg

**\* NOTE:** SEVERE APPLICATIONS AND OPERATING ENVIRONMENTS MAY REQUIRE MODEL SIZE ADJUSTMENT FROM THAT SHOWN ON THE STANDARD SIZING CHART ABOVE. PLEASE CONTACT YOUR LOCAL DISTRIBUTOR OR PURADYN DIRECTLY TO CONFIRM THE CORRECT SIZE SYSTEM FOR YOUR APPLICATION OR ENVIRONMENT.

\*\* Includes all fittings.

**PURADYN WARRANTY: FIVE-YEAR UNLIMITED MILES/HOURS ON UNIT**

**CONDITIONS:** Follow Puradyn's instruction manual for installation and maintenance guidelines, including routine oil samples and filter changes. The warranty card must be completed and returned to: Puradyn Filter Technologies, Inc. c/o Customer Service. Use of Puradyn products are required for Puradyn warranty coverage. See Puradyn warranty statement for further details.



**SUPPORT:** Before the installation, our Technical Staff are available to you to answer any questions on the process, how it interacts with your equipment, installation instruction, and support.

After the installation, our Customer Service will be there for you to make sure you have everything you need. We work with some of the leading independent oil analysis laboratories that will assist you in setting up an oil analysis program.

## CORPORATE HEADQUARTERS

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DISTRIBUTED BY:

Puradyn Filter Technologies Incorporated is the exclusive worldwide manufacturer of the **puradYN**® Oil Filtration System.

Protected by one or more of the following U.S. and international patents: 8,894,851; 8,894,847; 8,529,755; 8,573,407; 8,308,941; 8,298,419; 8,002,973; 5,718,258; 6,139,725; 0966136-0762920; and patents pending.