



# REDUCE YOUR OIL CHANGE INTERVALS BY UP TO 90% WITH puraDYN

*When it comes to your engine oil,  
**WE FIGHT DIRTY!**<sup>®</sup>*

## The puraDYN<sup>®</sup> Oil Filtration System

- A multi-stage, highly efficient bypass oil filtration system
- Works with the oil in an engine or hydraulic system and in conjunction with the OEM full-flow filter
- Installed in tens of thousands of engines globally at industry leaders in oil and gas exploration, marine transportation, trucking and mining

## What does the puraDYN Filtration System do for your engine oil?

1. Removes solid contaminants to <1 micron
2. Removes liquid contaminants and water through use of Polydry<sup>®</sup> polymer technology
3. Replenishes base additives to maintain proper TBN levels

## What impact does this have? It keeps your engines running on continuously clean oil

1. Reduces frequency of oil changes by as much as 90%, resulting in:
  - 90% less oil purchased/stored
  - Reduced cost and environmental risk of waste oil storage and disposal
  - Reduced labor costs and engine downtime
2. Extends the life of your engine
  - Top end overhauls may not be required
  - Engine life can be extended from 25% to nearly 300%



Frac Truck equipped with puraDYN<sup>®</sup>



Caterpillar Engine equipped with puraDYN<sup>®</sup>



Cat 785B Haul Truck equipped with puraDYN<sup>®</sup>



# SAVE OIL. SAVE TIME. SAVE MONEY.

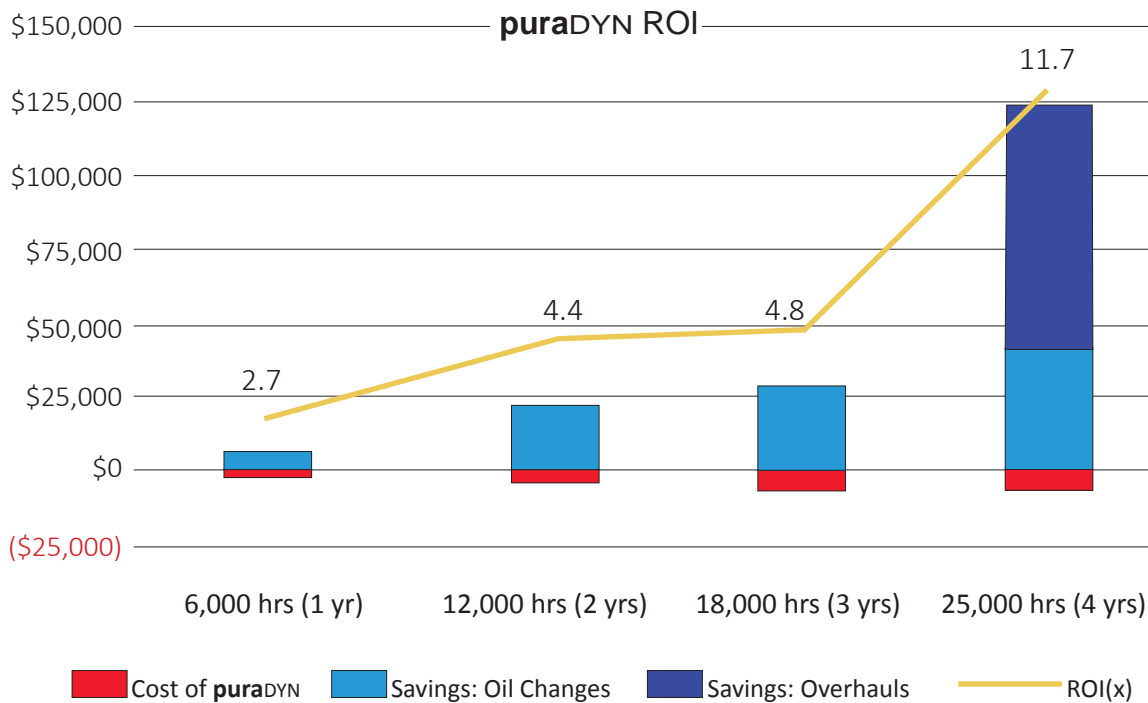
**puradYN users report extending oil change intervals to over 5,000 hours (sometimes over 10,000 hours) vs typical OEM recommendations of 500-750 hours for diesel engines.**

- Instead of changing the oil at the OEM suggested intervals, the **puradYN** filters are replaced and an oil sample is taken for analysis
  - Evaluates the physical and chemical properties found in oil
  - Provides understanding of quality of lubricant, the effectiveness of the filtration system and the operating condition of the equipment
- If analysis confirms oil is up to spec, then continue use.

*"We have extended out the oil changes from 750 hours to 5,000 hours or more. We also stopped doing top end overhauls at 25,000 hours. The heads now last the life of the engine at 50,000 hours. We would not have been able to do this without the puradYN filters."*

*Maintenance Manager of global drilling contractor who has used **puradYN** filters for over five years*

Example for a Caterpillar 3512 in oil drilling application	Before puradYN	With puradYN
Oil Change Interval	750 hours	5000 hours
Oil change costs per 6k hours	\$12.8k	\$2.3k
Savings per 6k hours		\$9.6k
Cost of <b>puradYN</b> per 6k hours		\$1.8k
<b>ROI</b>		<b>4.3x</b>
Cost of Top End Overhaul after 25k hours	\$85k	\$0k
<b>ROI after 25k hours and skipping Top End Overhaul</b>		<b>11.7x</b>

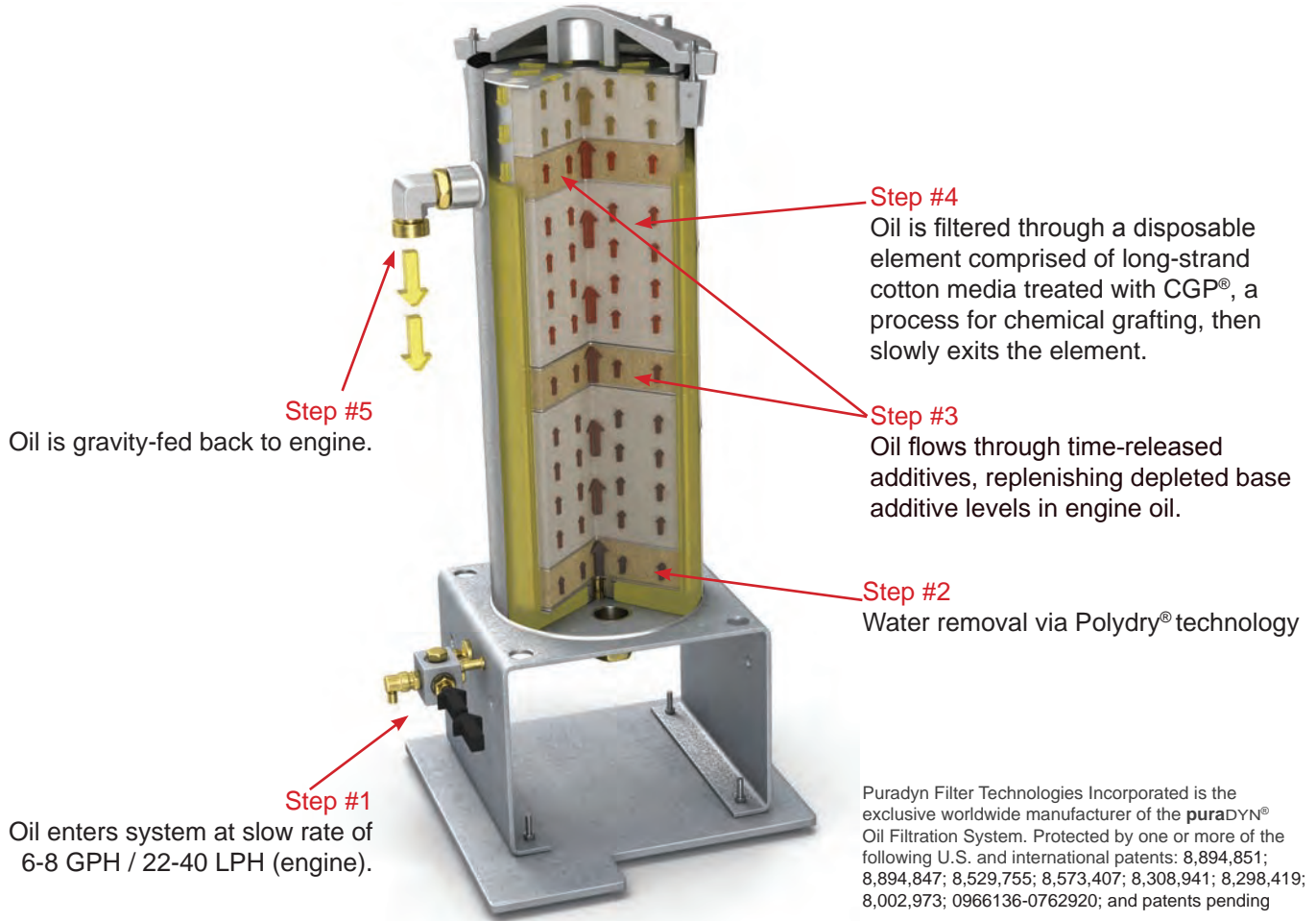


**Saving over \$120,000 per engine after 25,000 hrs**



# MULTIPLE PATENTS. MULTIPLE SIZES.

Working much the same way as kidney dialysis machine, the puradYN System diverts a small amount of engine oil at a slow rate of flow. Leveraging our patented solution, the filter continuously cleans the oil of impurities and replenishes key additives.



Model Number	MTS-8	MTS-8X12	MTS-12	MTS-24	MTS-40	MTS-60	MTS-240
Maximum Engine Oil Capacity	10 quarts	24 quarts	24 quarts	44 quarts	100 quarts	172 quarts	340 quarts
	9.6 litres	22.7 litres	22.7 litres	41.7 litres	94.7 litres	162.8 litres	322 litres
Flow rate (engines)	6 - 8 GPH						
	22-40 LPH						
Height	8.0 in	11.1 in	8.0 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	10.0 in	10.0 in	10.0 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

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 if you have any questions about the correct size system for your application or environment.



- **25+ years in the Bypass Oil Filtration Business**
- **Will Not Void Manufacturer's Warranty**
- **Insured Up to \$5M per Liability**
- **Six-Month Money Back Guarantee**
- **Five-Year Unlimited Miles/Hours Warranty on Unit**
- **ISO 9001:2015 Certified**

*We have been able to safely extend our oil drain intervals to **5,000 hours** from our previous practice of **1,000 hours**.*

*It's a win-win for our customers, the environment, and Scandriil.*

**Paul Mosvold**

President & Chief Operating Officer  
Scandriil, Inc.

*It enables us to extend the oil drain intervals from our old standard of **250 hours to 3,000 hours**. This equates to a savings of 354 gallons of oil or \$3,210 per year. Another boat in our fleet has been able to exceed 65,000 hours prior to overhaul.*

**Captain Bill Clark**

South Ferry Island  
Shelter Island, NY

*We calculate that we've saved over 60,000 gallons of oil. The engines remain clean and perform at peak level. We've also performed extensive fuel consumption measurements and consistently achieve a 2% – 3% savings in fuel."*

**Ross Hare**

Hare Express, Inc.  
Troy, Michigan

**Independent test results:**

- SAE HS 806-95 ISO Fine Dust Test:
  - Near 100% Efficiency over 200 Hrs.
- SAE HS 806-95 SOFTC-2A
  - Avg. 69% Efficiency over 100 Hrs.
- US Department of Energy at Idaho National Laboratory for the US Government
  - Final Test shows an average of 89% avoidance in oil changes and 89% oil usage reduction