



#wefightDIRTY

fewerOILCHANGES
cleanerENGINES
puraDYN

puraDYN[®] bypass oil filtration

Continuously cleans engine oil, extending oil life and engine life

Installed in thousands of engines globally at industry leaders in oil and gas, trucking, commercial marine and yachts

Why is puraDYN filtration better?

- ✓ Removes solid contaminants even smaller than 1 micron
- ✓ Removes liquid contaminants and water with Polydry[®] polymer technology
- ✓ Replenishes base additives to maintain proper TBN levels

What impact does this have?

- ✓ Engines run cleaner and greener
 - Engine life can be extended from 25% to over 100%
 - Top end overhauls may no longer be necessary
- ✓ Up to 90% reduction in oil changes:
 - Up to 90% less oil purchased/stored
 - Reduced cost and environmental risk of waste oil storage and disposal



M/V Kaylin Nicole with puraDYN[®] on CAT 3512 engines and JD generators



M/V Swordfish with puraDYN[®] on CAT 3516s



puraDYN users report extending oil change intervals by 4-7x

- Instead of changing the oil at the OEM suggested interval, an oil sample is taken for analysis, and the **puraDYN** filter is replaced
- If analysis confirms oil is up to spec, there is no need to change the oil

“Based on my prior experience with Puradyn, I am excited to equip the entire Campbell Transportation fleet with their oil filtration systems and safely reduce the frequency of oil changes on our engines and generators. Keeping our oil and engines cleaner will reduce downtime and maintenance costs for Campbell.”

Michael Pilgrim, Manager of Vessel Maintenance, Campbell Transportation Company, Inc.

| Example: CAT 3512 | Before puraDYN | With puraDYN |
|---------------------------------------|-----------------------|---------------------|
| Oil Change Interval | 1,000 hours | 4,000 hours |
| Oil change costs (3 yrs / 12,000 hrs) | \$17,100 | \$4,275 |
| Oil change savings (3 yrs) | | \$12,825 |
| Cost of puraDYN (3 yrs) | | \$4,290 |
| ROI 3 years | | 2.9x |
| ROI 5 years | | 3.5x |

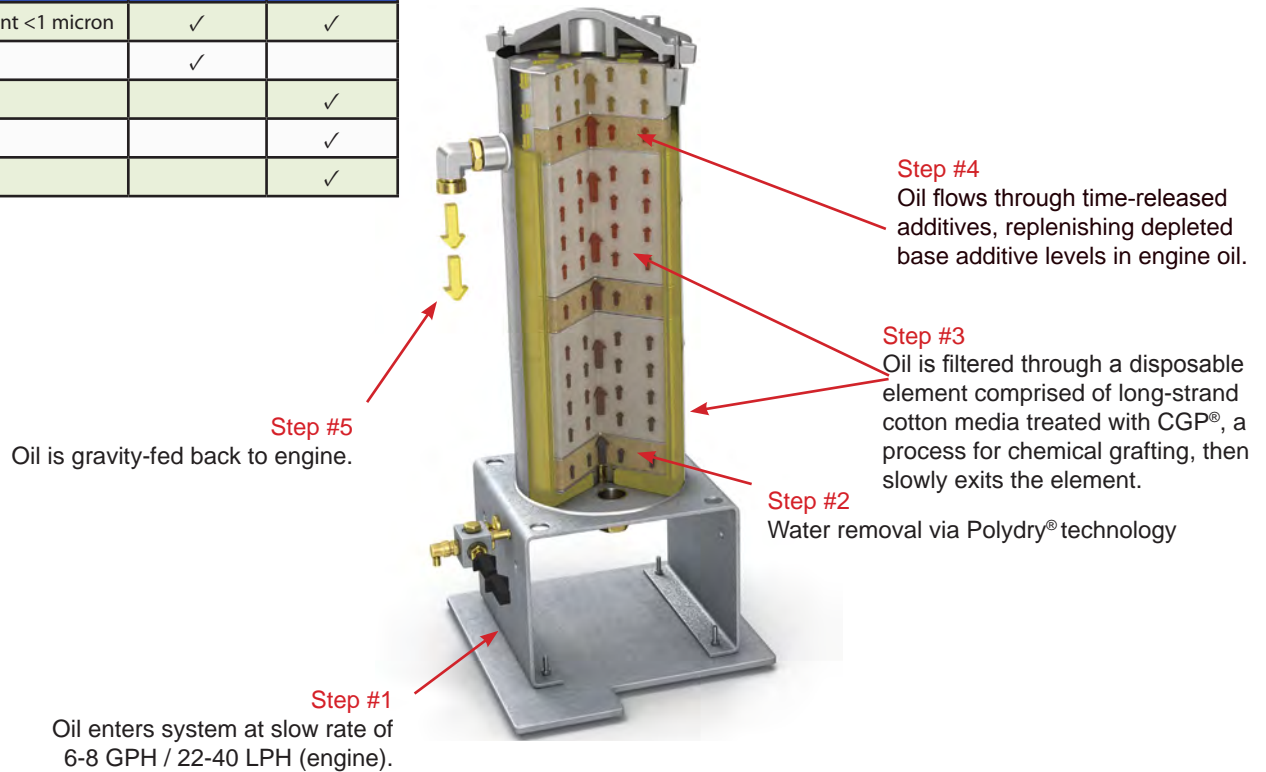
| Example: CAT 3516 | Before puraDYN | With puraDYN |
|---------------------------------------|-----------------------|---------------------|
| Oil Change Interval | 1,000 hours | 4,000 hours |
| Oil change costs (3 yrs / 12,000 hrs) | \$46,800 | \$11,700 |
| Oil change savings (3 yrs) | | \$35,100 |
| Cost of puraDYN (3 yrs) | | \$11,340 |
| ROI 3 years | | 3.1x |
| ROI 5 years | | 3.9x |



multipleBENEFITS. multiplesIZES.

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 to maintain the oil's chemical balance and viscosity well within engine manufacturers' specifications.

| | Centrifugal Filters | puradYN |
|-------------------------------------|---------------------|---------|
| Removes solid contaminant <1 micron | ✓ | ✓ |
| Filter requires cleaning | ✓ | |
| Removes water from oil | | ✓ |
| Replaces base additives | | ✓ |
| No moving parts | | ✓ |



| Model Number | M3 | M6 | M6W | M10 | M25 | M45 | M85* |
|------------------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|
| Old Model Number | MTS-8 | MTS-8X12 | MTS-12 | MTS-24 | MTS-40 | MTS-60 | MTS-240* |
| Maximum Engine Oil Capacity | 3 gallons 11 liters | 6 gallons 23 liters | 6 gallons 23 liters | 10 gallons 38 liters | 25 gallons 95 liters | 45 gallons 170 liters | 85 gallons 322 liters |
| Height | 8 in 20 cm | 11 in 28 cm | 8 in 20 cm | 11 in 28 cm | 13 in 33 cm | 17 in 43 cm | 29 in 75 cm |
| Width | 7 in 18 cm | 7 in 18 cm | 9 in 24 cm | 9 in 24 cm | 10 in 25 cm | 10 in 25 cm | 10 in 25 cm |
| Depth | 7 in 17 cm | 7 in 17 cm | 9 in 22 cm | 9 in 22 cm | 11 in 27 cm | 11 in 27 cm | 12 in 30 cm |
| Weight | 8 lbs 4 kg | 11 lbs 5 kg | 13 lbs 6 kg | 18 lbs 8 kg | 25 lbs 11 kg | 32 lbs 15 kg | 44 lbs 20 kg |

* Available in multiple configurations to effectively filter large sump capacity engines.

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.

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: 8,002,973; 8,529,755; 8,573,407; 8,894,847; 8,894,851; 9,341,309; 10,132,445; EP 3323486, and patents pending.



provenRESULTS. satisfactionGUARANTEED.

- Manufactured in the U.S. for 30+ years
- Insured Up to \$5M per Liability Per Occurrence
- Six-Month Money Back Guarantee
- Five-Year Unlimited Miles/Hours Warranty on Unit
- Will Not Void Manufacturer's Warranty

*"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

*"While the puraDYN sytem quickly paid for itself by extending oil life to over 3,000 hours, its real value has been extending the life of our engines from running on continuously clean oil. **It's like an insurance policy for our engines.**"*

Rocka Romcke
Superyacht Captain

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