



#wefightDIRTY

**fewer**OILCHANGES

**cleaner**ENGINES

**puradYN**

## puradYN® Bypass Oil Filtration

Continuously cleans engine oil, transmission fluid, or hydraulic fluid, safely extending oil life and equipment life

Installed on thousands of engines globally by industry leaders in oil and gas exploration, trucking, mining, and commercial marine

### 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 the oil's chemical balance

### 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



High-speed natural gas compressor (55 gal. sump) with puradYN on Waukesha L7042GU engine



Low-speed natural gas compressor (250 gal sump) with puradYN on Ingersoll Rand KVG-123 engine

## puraDYN users report extending oil change intervals by 3-8x

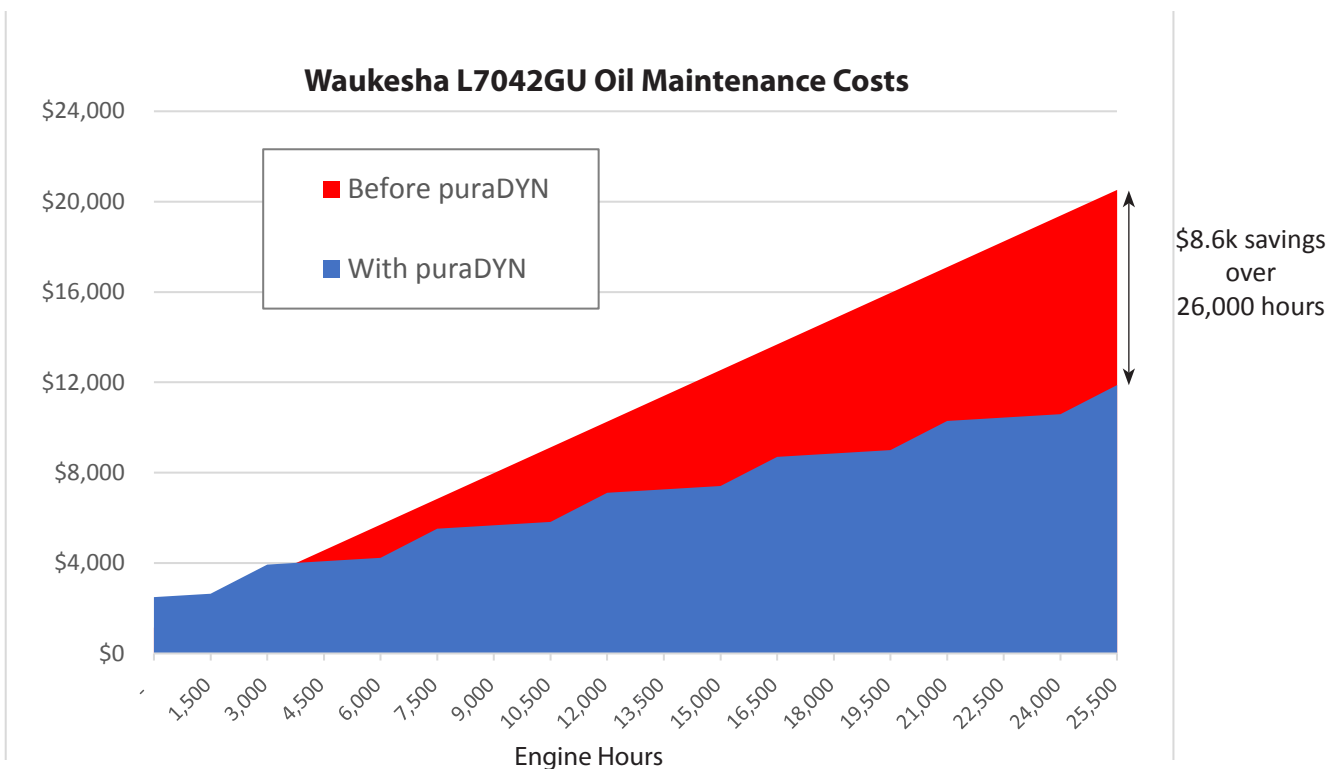
- Instead of automatically changing oil at the OEM suggested interval, an oil sample is taken for analysis, and the puraDYN filter is replaced
- If analysis confirms oil is up to spec, there is no need to change the oil

*"After extensive testing, we project savings of \$4,500 per year by reducing our current practice of up to six oil changes per year down to two, thanks to the puraDYN system."*

*Senior Reliability Specialist  
Major North American midstream company*

This is a simplified Return On Investment calculation based on a typical high-speed compressor engine application with a 55-gallon sump utilizing a puraDYN M85 (or MTS 240) system to achieve a conservative 3x oil-life extension and 8,300 engine hours per year. Larger sumps and further oil-life extension will significantly increase ROI.

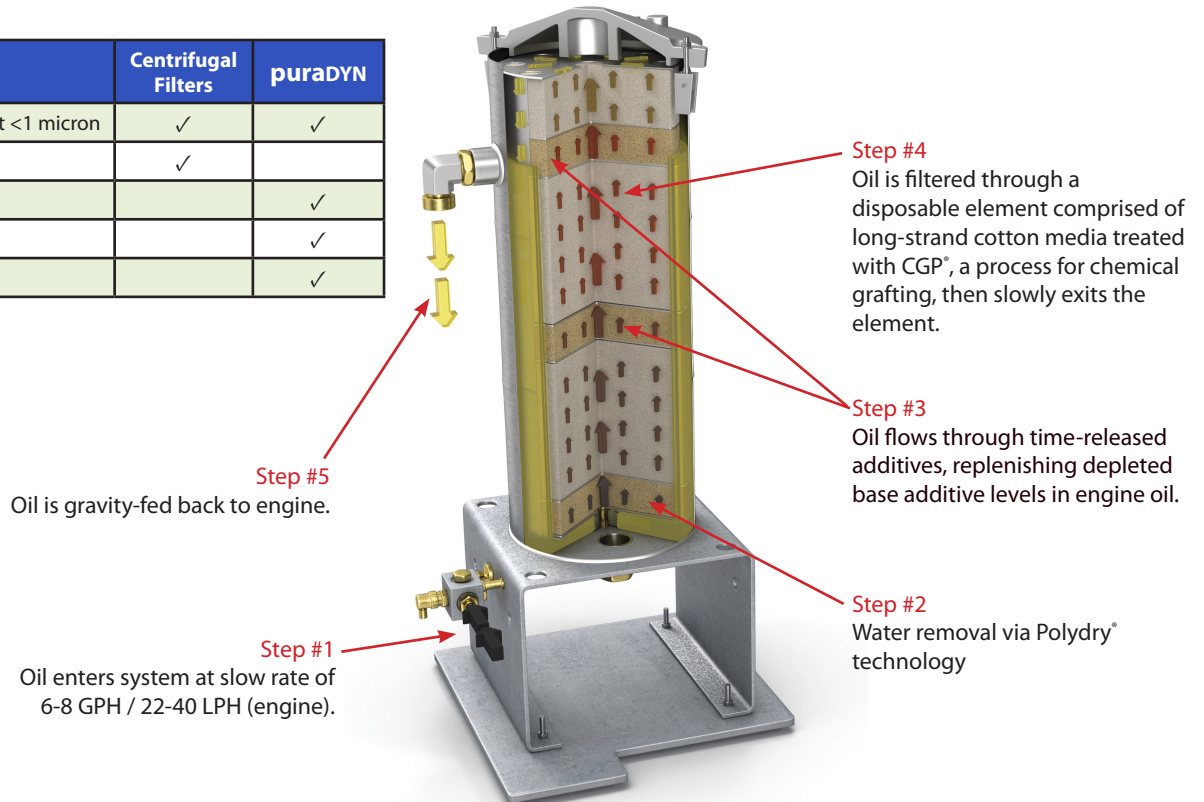
Example: Waukesha L7042GU	Before puraDYN	With puraDYN
Oil Change Interval	1500 hours	4000 hours
Oil change costs over 3 years	\$20,500	\$7,980
<b>Oil change savings over 3 years</b>		<b>\$12,540</b>
puraDYN cost over 3 years		\$3,900
<b>Puradyn ROI</b>		<b>3.2x</b>



## 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 solid and liquid impurities and replenishes base additives to maintain the oil's chemical balance and viscosity well within engine manufacturers' specifications for longer periods of time.

	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*
<b>Maximum Engine Oil Capacity</b>	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
<b>Height</b>	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
<b>Width</b>	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
<b>Depth</b>	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
<b>Weight</b>	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 Liability Per Occurrence
- Six-Month Money Back Guarantee
- Five-Year Unlimited Miles/Hours Warranty on Unit
- Will Not Void Manufacturer's Warranty

*"Nabors' use of puraDYN filtration systems to continuously clean engine oil has reduced our need for oil changes by over 80% and eliminated the need for most mid-cycle, top end engine overhauls."*

**Siggi Meissner, President, Global Drilling & Engineering | Nabors Industries**

Some of our most popular products for the midstream industry:

APPLICATION	TYPE	PURADYN PART #
Compressor (SNG)	Ingersoll Rand KVG-123	01-A3M85S-R (prev. 01-70006MTS-DL9)
Generator/Compressor (SNG)	Caterpillar 3306/ 3412/ C32/ 27/ MTU 16V2000	01-A1M45X-M (prev. 01-70601MTS-DL2)
Generator (Deep Sump/SNG)	Caterpillar 3512	01-A2M85S-K (prev. 01-70003MTS-DL8)
Generator (SNG)	Caterpillar 3516	01-A3M85S-K (prev. 01-70006MTS-DL8)
Generator/Compressor (SNG)	Caterpillar C18	01-A1M25X-K2 (prev. 01-70401MTS-DL)

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