

NTPC

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Quality Tyre
Derieved Fuel

**National Tyre Pyrolysis
Corporation**

National Tyre Pyrolysis Corporation Established in 2018 is a New Age pyrolysis oil manufacturer based out of Mumbai .

We ensure Quality control and utmost care in filtering our oil for smooth burning and hassle free running of your plant.

We can provide 50 Tons per week of filtered Waste Pyrolysis oil.

Our oil is cleaner and burns better due to a unique mix of raw material that includes tyres, rubber, plastics and polystyrene along with bleaching agents to reduce odour

Besides this we provide annual ,two year and three year contracts to ensure your business is cushioned from the various fluctuations in the oil prices.

Great Quality, attractive terms and stable supplies separates National Tyre Pyrolysis Corporation from other oil traders and our constant commitment to your business interests ensure that Fuel and Fuel prices will be the last of your worries

Looking forward to working with you

Regards

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Tyre Pyrolysis Oil Vs Furnace Oil Vs Light Diesel Oil- Character comparison

Comparison - Pyrolysis Fuel Oil Vs. Furnace Oil Vs. Light Diesel Oil

S.NO	Test Parameters	Method	Unit	Pyrolysis Fuel Oil	Furnace Oil	Light Diesel Oil
1	Density at 15°C	ASTM D 1298	G/CC	0.87-0.93	0.88-0.98	0.85-0.87
2	API Gravity	ASTM D 1298	-	25.4	13.05	27.54
3	Viscosity at 100°C	ASTM D 2161	SUS	29	65	42
4	Sulphur Total, % Wt.	ASTM D 129	Wt	Upto 1	Upto 4	Upto 1.8
5	Water Content, % Vol.	ASTM D 95-05	Vol	Upto 0.25	Upto 1.0	Upto 0.25
6	Ash	ASTM D 482	Wt	Upto 0.05	Upto 0.1	Upto 0.02
7	Calorific Value	Bomb Calorimeter	Cal/g	10400 ± 3%	10000+	10600
8	Color / Appearance	ASTM D 1500	-	Dark	Black	translucent



Tyre Pyrolysis oil (TPO) Vs Furnace Oil (FO)- Financial Savings

Annual Savings of INR 35 Lakhs

Furnace Oil	
Calorific value	10000
Price Per kg (Rs)	44
Consumption Per Day (Kgs)	1000
Total Daily calorific consumption	10000000
Total Daily cost (RS)	44000

Tyre Pyrolysis Oil	
Calorific Value of TPO	10700
Total Quantity Needed (Kgs)	935
Cost Per Kg (Rs.)	35
Total Cost (Rs)	32710

Savings	
Total Daily Savings	11290
Monthly Savings	293533
Annual Savings	3522393
Total Annual Savings (Lacs)	35

Tyre Pyrolysis oil (TPO) Vs Furnace Oil (FO)- Time Savings

Furnace Oil flash Point : 66 Minutes

Tyre Pyrolysis oil Flash Point : 33 Minutes

Saving of 33 minutes per cycle or 90 minutes per 3 shifts

Monthly Savings of over 36 Hours

Annual Savings of over 36 working Days

Environmental benefits

Lower Ash:

Ensures lower carbon formation in your reactors and reduced dust formation in the equipment.

Lower ash also reduces the maintenance time and costs and also ensure adherence to present and future environmental norms

Lower Sulphur content:

Ensures less pollution through combustion, Being less than 25% of that of furnace oil damage/corrosion to equipment also reduces by over 40% increasing life of the equipment sustainably

Lower Sulphur also ensures adherence to present and future environmental norms

Lower Water content:

Less wastage in input cost, better burning ensuring quicker heating and better heat transfer.

Low water reduces corrosion of equipment and reduction of toxic fumes

Lower Flash Point

Helps reduce overall heating time thus reducing costs and emission by the plant and complete adherence to Environmental norms

Higher Calorific value:

Burns better, burns hotter and uses less resources and manpower

Upcycled inputs:

TPO is a by-product of an upcycling process thus ensuring that your inputs are not created from polluting processes but rather ensuring that the toxic Tyre waste is upcycled in environmentally conscious fuel

To increase your productivity and profitability feel free to call

Nikhel @ 9869493678

OR email at

contact@ntpcpower.com