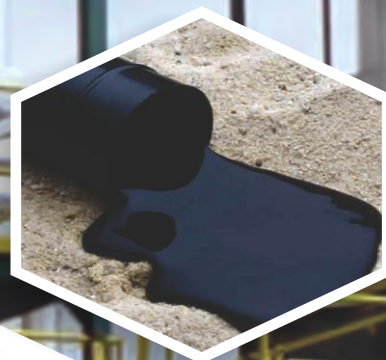




BHILAI CEMENT

Quality Coal Tar Chemicals



Quality



Technology



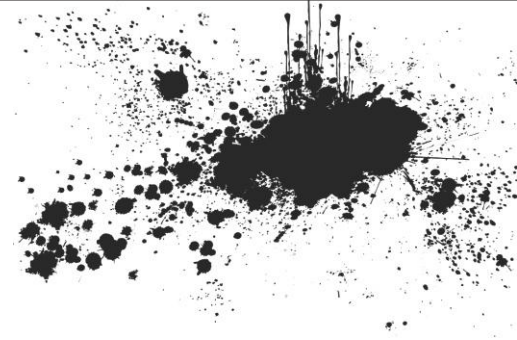
Innovation



Integrity



Teamwork



ABOUT US:

Pleased to introduce ourselves as a professionally managed, result oriented, leading manufacturer of High Performance and High Quality Coal Tar Chemicals. Established since 1988 is an ISO certified company and years of experience of supplying high quality Coal Tar chemical product has made us confident to manufacture any grad/specification as per customer requirement and industry standard.

OUR STRENGTH:

We constantly strive towards excellence and have a team of dedicated professionals who understand customer requirement accurately and serve them accordingly. Our reputable position has been possible only due to our valuable business dealing, commitment, quality and relationship.

We have the requisite facilities of Manufacturing and Warehousing facility for our range of products and meet bulk orders at any given point of time. We also have good arrangement of logistics and supply management network that has gives us a huge credibility in the market.

MISSION:

At BHILAI CEMENT, we are dedicated to provide superior value in product performance, consistency in quality, and technical support to our customers. Guided by relentless focus on products and services, we constantly strive to implement the critical initiatives required to achieve our vision to stay the industry leader. We are market focused, research-centered organization that develops and delivers innovative products and solution to our customers, consistently outperforms our peers, and provides a dynamic and challenging environment for its employees.



OUR PLEDGE:

Integrity

Our customers can depend on us to deliver quality and consistency in all of our products. We will honor our promises and expect the same our customers and our suppliers.

Innovation

We will stay on the cutting edge of coal chemical technology and will be recognized in the industry for our technical leadership. We will continue our tradition of introduction innovative products and technologies.

Teamwork

We will sustain our growth by working closely with our customers, suppliers and employees. Our success will be rooted in creativity perse



Coal Tar

BHILAI CEMENT



We process, blend and formulate different grades of Coal Tar by matching different Parameters as per requirement which includes :-

- Distillation Range
- Flash Point
- Specific Gravity
- Volatile Matter
- Viscosity
- Beta Resin
- Material Content
- Boiling Point

Dehydrated Coal Tar :

We process and manufacture Dehydrated Coal Tar as per requirements.

- For Paint and Coating Application
- Rubber Softening Agent
- Waterproofing and Sealant
- Anti-Corrosion
- Refractory Application
- Carbon Black Feed stock
- For Protection and Maintenance Application



Dehydrated Coal Tar

Pitch Creosote Mixture :

We Blend Coal Tar pitch and Creosote Oil to manufacture high grade of PCM for Specialized applications.



Pitch Creosote Mixture

Road Tar/ Special tar :

Road Tar/ Special tar we manufacture all grades of Road Tar / Special Tar as per Standards and Customer requirements.



Road Tar/ Special tar

Coal Tar Pitch

BHILAI CEMENT



Coal tar Pitch has been traditionally used for manufacturing Carbon Anodes and Electrodes for Aluminum and Graphite Industry. We manufacture Coal Tar Pitch strictly from good quality High Temperature Coal tar by Latest Vacuum Flash Distillation Process. We match, monitor and control all the necessary Physical and Chemical properties that are important for the performance of Pitch. These properties include :-

- Softening Point
- Density and Viscosity
- Coking value
- Toluene Insoluble
- Beta-Resin
- Quinine Insoluble
- Sulphur and Metals
- Ash

Our team of experts deeply understands the importance of these properties and accordingly control and monitor feedstock blending, centrifuging and Distillation severity.

- Binder Grade
- Soft Pitch/ Hard Pitch/ Liquid Pitch
- High Beta Resin Pitch
- Zero QI Pitch
- For Electrode Applications
- For Refractory Application
- For Carbon Brushes and Crucibles.
- For Carbonaceous Foundry Sand Additive
- For Foundry Application
- For Paint And Coating Application
- For Carbon Paste manufacturing
- For Lustrous Carbon Additives
- For Construction /Road Application.
- For Drilling Chemicals
- For Waterproofing/Anticorrosion Application.
- Special Pitch for Highly Technical and specialized application.

Kindly Note : We manufacture wide range of Coal tar Pitches from Softening Point : 35 to 200^oC with different Beta resin content as per customer requirements.



Binder Pitch



Hard Pitch Powder

Creosote Oil

BHILAI CEMENT



Light creosote oil is yellow oil with a greenish cast. Grades are available As per IS-218 and BS 144.

Applications :

- Carbon black Feedstock.
- Solvents in Paint and Coating.
- Lubrication and Liquefying Agent.
- Wood Preservation Oil Grades.
- Caustic Agent and Dye Intermediate.
- Tar Acid, Cresylic Acid and Phenyl.

Heavy Creosote Oil/ Anthracene Oil

Heavy Creosote oil is dark yellow oil, which is manufactured during distillations.

Applications :-

- Carbon Black feedstock
- Wood Preservation Oil
- Solvents in Paint and Coating
- Lubrication and liquefying Agent
- Caustic Agent and Dye Intermediate

Wood Preservation Oil :

Wood Preservation Oil is used in reservation of Wood/ Railway sleeper/ Wooden Poles. We have proven track records of exporting. Wood Preservation Oil. Grades are available, as per IS-218 And Bs144.

Cresylic Acid/Tar Acid

Methyl substituted phenols obtained from coal tar or petroleum as by product from fractional Distillation and coal gasification.

Features :

- Disinfectant properties
- Used in the manufacture of resin
- Used as a feedstock in chemical manufacturing

Fuel Oil :

Creosote fuel Oil is one of the best advantageous alternative of Light Diesel Oil. This is Comparatively cost effective and economical than furnace Oil/Light Diesel oil. It has the major advantage of being low sulphur fuel.



Creosote Oil



Wood Preservation Oil

Naphthalene

BHILAI CEMENT



Naphthalene is a chemical with formula $C_{10}H_8$. Naphthalene comes in following grades :-

- Crude Naphthalene- Powder
- Hot pressed Naphthalene-Cake
- Refined Naphthalene-Powder/Brick
- Pure Naphthalene (Snow White)
- Naphthalene Ball- White/ Colored

Applications :

Naphthalene has wide range of applications which include :

- Concrete super plasticizers - (SNF)
- Phthalic anhydride
- Tanning agents - Rubber, Plastic and Pesticides
- Dye stuffs like H-Acid
- Beta Naptol
- Tetralin and Decalin
- Mothballs and other compacted products for household use
- Used as an Intermediate compound in chemical and pharmaceutical processes.

Naphthalene Ball :

Naphthalene Balls are the solid white balls which are composed of crude oil, coal tar and other chemicals, are used as a preservative to product clothes from the rodents.



Naphthalene Ball



Crude Naphthalene



Refine Naphthalene Powder

Coal Tar Fuel

BHILAI CEMENT



BEST ALTERNATIVE OF FURNACE OIL & LDO

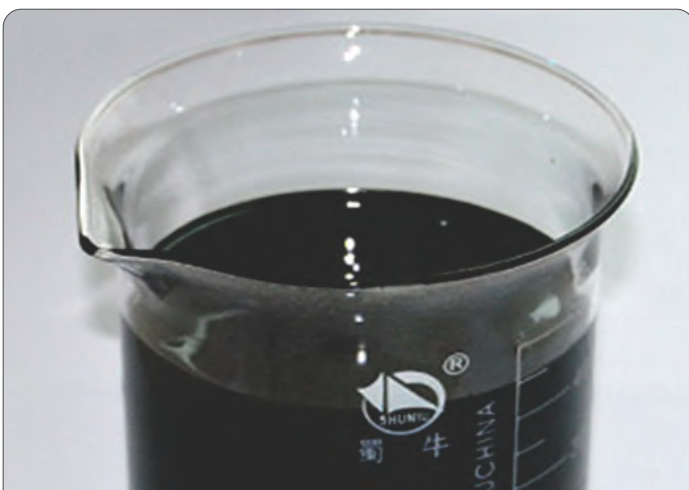
Technical Bulletin

Coal Tar Fuel (CTF) Is Considered As A Good Advantageous Alternative For Furnace Oil And Other Fuel Oils. The Coal Chemical Based Catalytically Improved Ctf With Added Additives Is Highly Demanded By Many Customers Across The Country Due To Its Consistent, Homogenous And Reliable Quality, Which Saves Your Money In Fuel Consumption. CTF Is Comparatively Cost Efficient And Economical Then Fo & Ldo. Ctf Has Been Widely Used In Different Industries For Their Various Uses.



“Catalytically Improved homogenous Clear Oil with No Sludge Formation”

“Flame is Stable, hotter and in the required Direction with reduced SO₃ & No_x Formation”



Coal Tar Fuel

Coal Tar Fuel

BHILAI CEMENT



COAL TAR FUEL

BEST ALTERNATIVE OF FURNACE OIL & LDO

- BETTER COMBUSTION
- AT COMPARATIVELY ECONOMICAL PRICE
- NO SLUDGE FORMATION
- NO CLOGGING OF FUEL LINES
- BETTER ATOMIZATION
- BETTER HEAT TRANSFER
- CATALYTICALLY IMPROVED
- HOMOGENOUS CLEAR OIL
- REDUCED STACK TEMPERATURE
- NO SULPHUR TRIOXIDE FORMATION
- SIMULTANEOUSLY REDUCES NO_x & PM EMISSION
- IMPROVEMENT IN EFFICIENCY
- REDUCES MAINTENANCE COST
- SAVES MONEY IN MANY FORM

TECHNICAL SPECIFICATION

TEST PARAMETER	FURNACE OIL	COAL TAR FUEL i (Alternative to FO)	Light Diesel Oil	COAL TAR FUEL ii (Alternative to LDO)
Calorific Value (Kcal/Kg)	above 9000	above 9000	above 9500	above 9500
Viscosity (Cst @ 40°C)	Min. 165	Max. 160	12 to 15	5 to 12
Specific Gravity (@ 40°C)	0.96 to 1.1	0.99 to 1.08	0.92	0.95
Sulphur Content (% Mass)	3.5%	Almost Nil	2%	0.5 % max.
Moisture Content (%Mass)	1%	0.5%	1%	0.5% max

Soft Coal Tar Pitch

BHILAI CEMENT



BEST SOFTENING AGENT FOR RUBBER FORMATION

Technical Bulletin

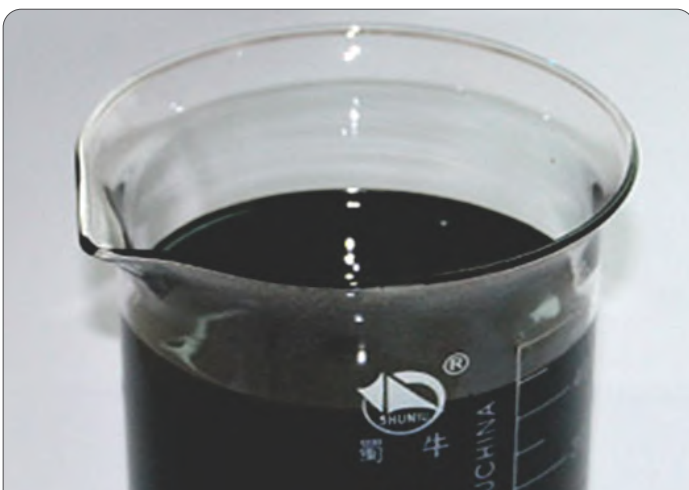
Coal tar pitch is considered as a good advantageous softening agent for reclaimed rubber formation.

The high temperature coal chemical based catalytically improved is highly demanded by many customers across the country due to its consistent, homogeneous and reliable quality.



***“Soft Coal Tar Pitch
Solid Black
Homogenous Block”***

***“ Helps in DESULPHURATION
in rubber formation “***



Coal Tar Fuel

Soft Coal Tar Pitch

BHILAI CEMENT



SOFT COAL TAR PITCH

BEST SOFTENING AGENT FOR RUBBER FORMATION

TECHNICAL SPECIFICATION

TEST PARAMETER	Grade - I	Grade - II
Softening Point° C	45-60 °C	60-75 °C
Moisture (% Mass)	1 % Max.	1% Max.
Specific Gravity(@40°C)	1.12-1.22 gm/cc	1.15-1.24gm/cc
Sulphur Content (% Mass)	Almost Nil	Almost Nil
Fixed Carbon	55-65%	55-65%
Ash Content	1% Max	1% Max.
Suggested Adding Quantity (100Kg Rubber %)	10-20 %	10-20%



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