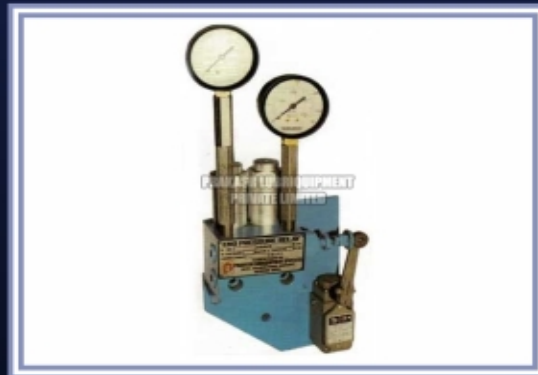


PRAKASH LUBRIEQUIPMENT PRIVATE LIMITED has been a pioneer in the field of Lubrication Systems. We are the prominent Manufacturers, Suppliers and Exporters of Centralized Grease Lubrication System, Industrial Filters, Forced Oil Lubrication System, Shell and Tube Type Heat Exchanger, Commercial Oil Coolers, etc. We have achieved an expertise in fabricating this comprehensive range of the products. The company adopts all the latest techniques to attain the best quality products ensuring guarantee for the same.

# PRAKASH

## Lubriquipement Pvt. Ltd.



# INDEX

About Us	3
Automatic Grease Lubrication System	4
Dual Line Dose Feeders	5
Dual Line Hand Operated Grease Pump	6
Duplex Basket Filter	7
Self Cleaning Filter	8
Forced Oil Lubrication System	9
Shell and Tube Type Heat Exchange	10
Commercial Oil Coolers	11
Electric Control Panel	12
End Pressure Valve	13
Four Way Solenoid Valve	14
Hydraulic Distributor Valve	15
Motorized Grease Refilling Pump	16
Rotary Gear Pump	17
Rotary Gear Pump	18-19
Our Products	20-22
Contact Us	23
Reach Us	24

# ABOUT US

PRAKASH LUBRIQUIPMENT PRIVATE LIMITED is a well pronounced company for providing quality range of Lubrication Systems. The company is based in Kolkata, West Bengal and was established in the year 1962. It is headed by Mr. Ashok Singhvi, the CEO of the company having a wide experience of 50 years in the business domain.

## INFRASTRUCTURE

WE OWN A HUGE AREA OF 7000-10000 SQ.FT. THE MANUFACTURING PROCESS IS EFFICIENTLY DONE HERE. THE COMPANY HAS ALL THE HEAVY MACHINERY THAT COMPRISES OF :

- LATHE
- GRINDING MACHINE
- DRILLING MACHINE
- BORING MACHINE
- SHAPING MACHINE

BESIDES, WE HAVE FULLY FUNCTIONAL WORKSHOP WITH ADEQUATE MAN TO MACHINE RATIO.

## TEAM POWER

WE HAVE A CORE TEAM OF TRAINED WORKERS WHICH IS ABSOLUTELY DEDICATED IN INNOVATION OF THE NEW PRODUCTS. THE COMPANY IS FORTUNATE TO HAVE SUCH A CAPABLE TEAM THAT WORKS WHOLEHEARTEDLY WITH FULL PASSION AND DEDICATION TOWARDS THEIR WORK.

## QUALITY CONTROL

WE HAVE HIGH TECH TESTING FACILITIES AT THE WORKSTATION. THE ANALYSTS KEEP A STRONG CHECK OVER THE COMPLETE PROCESSING OF THE PRODUCT FROM BEGINNING TILL THE END. THE QUALITY IS COMPLETELY CHECKED BEFORE THE PRODUCT IS DISPATCHED TO THE CLIENTS.

## THE CLIENTELE?

We have loyal and esteemed clients with us who rely on us completely. The company is looking forward to add more names in the list of the clients across the globe. We have the following clients with us :

- BHEL-BHOPAL • BHEL-HARDWAR • BHEL-BANGALORE
- BHILAI STEEL PLANT • VISHAKHAPATNAM STEEL PLANT
- ROURKELA STEEL PLANT • DURGAPUR STEEL PLANT
- TATA STEEL • JINDAL STEEL
- POWER LIMITED • ADITYA BIRLA GROUP



# OUR PRODUCTS

## Automatic Grease Lubrication System

We are involved in supplying and designing of Automatic Grease Lubrication System that is specifically manufactured for pumping grease to the dose feeders installed at the lubricating points in the end type dual line grease lubrication system. Grease from the reservoir flows into the plunger pump driven by electric motor and is pumped through direction control valve to one of the two pipelines. We provide superlative Automatic Grease Lubrication System to the customers as per their requirements.



### **Special Features :**

- Dual line heavy duty automatic
- Centralized grease lubrication (CGL)
- Station end type
- Smooth performance
- D S D design
- Easy to operate
- Sound construction
- Highly sophisticated technically integrated mechanism

### **Application :**

- Cement Plants
- Steel Plants
- Power industry
- Paper Industry
- Engineering industry



# OUR PRODUCTS

## Dual Line Dose Feeders

We offer high tech Dual Line Dose Feeders that perform to dispense a measured amount of lubricant to a point of lubrication. Dual Line Dose Feeders comprise of Dual Line Dose Feeder type DF forms a part of centralized grease lubrication system. We are recognized for producing unmatched quality Dual Line Dose Feeders. The clients receive Dual Line Dose Feeders from us on time at highly competitive prices.



### **Components :**

- Valve Body
- Discharge Piston
- Discharge Piston Rod
- Slide Valve oil
- Indicator
- Packing Gland
- Regulating Screw

### **Application :**

- Engineering industry
- Power industry
- Paper industry

### **Specifications :**

- Working Pressure :
  - 15 kg/cm<sup>2</sup> to 400 kg/cm<sup>2</sup>

### **Capacity of DF :**

- 11, 21, 31, 41, -0.5 to 2 cm<sup>3</sup> per point per stroke
- 12, 22, 32, 42, 1.5 to 5 cm<sup>3</sup> per point per stroke
- 13, 23-3 to 10 cm<sup>3</sup> per point per stroke
- 14-12.5 to 25 cm<sup>3</sup> per point per stroke

# OUR PRODUCTS

## Dual Line Hand Operated Grease Pump

We offer supreme quality Dual Line Hand Operated Grease Pump that is one of the important parts of Centralized Grease Lubrication System. Dual Line Hand Operated Grease Pump is meant to manually pump grease under pressure to Dose Feeders which have been suitably installed near the points to be lubricated. Besides, it is used for lubricating the equipment which needs periodical supply of grease. We provide on time delivery of the Dual Line Hand Operated Grease Pump within stipulated time period.



### **The Pump Comprises of :**

- Tell- tale rod with Follower Plate
- Reservoir
- Handle
- Body
- Bracket for Handle
- 4-way Slide Valve
- Refilling Filter
- Plunger
- Bracket for fixing pump
- Separator
- Pressure Gauge
- Non-Return Valve

### **Technical Instructions :**

- Installed in vertical position
- Secured with bolts
- Provides protection from dirt, moisture, acid and alkali
- Damper (Separator) for pressure gauge should be filled with transformer oil
- Periodical check up of the damper

# OUR PRODUCTS

## Duplex Basket Filter

We offer the finest quality Duplex Basket Filter that is excessively used in various industrial applications as per the requirements. Duplex Basket Filter is fabricated by using top quality raw material implementing latest techniques. We provide Duplex Basket Filter to the clients as per their demand. While selecting filters, it should be kept in mind that the larger the filter, the longer is the operating span of the element.



### **Types Available:**

- Single basket type
- Duplex type
- Multi sieve type

### **Comprised Of :**

- Filtration capacity up to 25 microns for any fluid
- Filtering element is assembled into a filter
- Chamber to make basket filters with filtration capacity upto 25 microns
- Visual or audible indicators denoting the condition of filter element

### **Material Of Construction :**

- Cast iron to stainless steel
- "Y" Basket Strainers V2" BSP to 2 1/2\*\*
- BSP are also manufactured



# OUR PRODUCTS

## Self Cleaning Filter

We bring forth premium quality Self Cleaning Filter that is widely acclaimed in domestic and international markets. Self Cleaning Filter is provided with a butterfly valve that helps in collecting the cake inside the filter element. The liquid filtration is done by in-built pneumatic actuator, provided in the machine. Besides, this auto filter is also provided with PLC. Jacketing also considered as optional component.



### **Various Attributes :**

- Easy to maintain
- High filtering efficiency
- Serves for longer duration
- Functional accuracy

### **Used In :**

- Paper Industry
- Power industry
- Engineering industry

# OUR PRODUCTS

## Forced Oil Lubrication System

We are recognized as dependable Manufacturer of superior quality Forced Oil Lubrication System that caters the feeding requirements of mill bearing stands. The Forced Oil Lubrication System is high performing electric motors that draw oil from reservoirs providing smooth operations. We provide Forced Oil Lubrication System to the clients as per their demand.



### **Attributes :**

- Smooth operations
- High end performance
- Strong and sturdy
- Precision engineered

### **Range Available :**

- Morgon oil
- Grease lubrication system

### **Components :**

- Oil Reservoir (Oil Tank)
- Pump
- Motor
- Filter
- Oil Cooler
- Control Valves
- Pressure Relief Valve
- Flow Meters / Switches
- Instruments
- Piping and Fitting

# OUR PRODUCTS

## Shell and Tube Type Heat Exchange

We are engaged in supplying highly efficient Shell and Tube Type Heat Exchange that is excessively used in cold storages, dairy industries, chemical industries etc. We manufacture Shell and Tube Type Heat Exchange on well defined measures by using high quality plates as raw material. The Shell and Tube Type Heat Exchange is designed as per the capacity requirements. The clients receive the product on time at reasonable prices.



### **Salient Features :**

- Fully welded
- Good quality
- High in durability
- Heat resistance

### **Used In :**

- Cold Storages
- Dairy Industry
- Breweries
- Vanaspati Plants
- Distilleries
- Chemical industry
- Pharmaceutical industries



# OUR PRODUCTS

## Commercial Oil Coolers

We offer Commercial Oil Coolers with high end performance. Commercial Oil Coolers provide adequate protection from stress and weathering effects and reduced efficiency due to heat picked up from pumps, bearings, gears etc and maintains optimum temperature level. Moreover, the performance of a lubrication machine depends on flow rate, heat and life of the oil. We provide Commercial Oil Coolers to the customers as per their requirements.



### **Attributes :**

- Eliminate heat from the oil
- Protection from stress
- Maintains optimum temperature level
- Good quality

### **Used In :**

- Commercial applications
- Industrial applications

# OUR PRODUCTS

## Electric Control Panel

Avail the high tech Electric Control Panel from us that is used to serve various electrical applications. All the oil circulators employ several Electric Control Panels such as motors, limit switches, pressure switch, temperature switch, level switch, level pressure, temperature transmitter etc. We provide Electric Control Panel to the customers as per their requirements.



### **Attributes :**

- Accurately designed
- PLC's, DCS and modern micro processor base
- Computerized controls
- Longevity
- High in strength

### **Provides Circuit Protection To :**

- Motors
- Fuses
- MCB's

# OUR PRODUCTS

## End Pressure Valve

We offer supreme quality End Pressure Valve that is used actuates the Four-way Solenoid Valve of Centralized Automatic Grease Lubrication Station and also stops the motor efficiently. We provide End Pressure Valve to the customers as per their preferences within pre determined time frame. Apart from this, End Pressure Valve is available at highly competitive price.



### **End Pressure Valve Comprises Of :**

- A valve block with two relief valves
- Two pressure gauges
- One limit switch with the help of pressure gauges
- The relief valves are manually set for the working pressure

### **Specifications :**

- Working Pressure : 20-70 kg/cm<sup>2</sup>
- Current Rating : 3 amps at 220 volts
- Contact Combination : 1 NO + 1 NC change over contacts
- Connections : 3/8" BSPT
- Net Weight : 6 kgs



# OUR PRODUCTS

## Four Way Solenoid Valve

We provide superior quality Four Way Solenoid Valve that is used for changing the direction of flow of the grease from one main line to another. We provide Four Way Solenoid Valve to the clients and industries as per their requirements. The Four Way Solenoid Valve is widely appreciated for their quality and performance.



### **Comprises Of :**

- Numbers of Electro- magnets fixed on both sides of plunger
- Operated direction changing valve.

### **Used In :**

- Mechanical purposes
- Engineering industries

Maximun Working Pressure	100-300 kg/cm2
Reversing by electromagnet	-
Electromagnet Force	6-15 kg.
Electromagnet Duty	100%
Electromagnet Coil Voltage	220V

# OUR PRODUCTS

## Hydraulic Distributor Valve

We are offering top class Hydraulic Distributor Valve that serves in various industrial operations. Hydraulic Distributor Valve manufactured by us is high on demand in the market due to its high utility. We deliver Hydraulic Distributor Valve to the customers as per their requirements within committed time frame. Besides, we also provide the Valve at market leading rates.



### **Attributes :**

- Accurate reading
- Perfect finish
- Adjustable
- Easy to operate
- Durable

### **Construction :**

- Base Plate
- Limit Switch
- Pressure Gauges : 3 Nos.
- Hydraulic Distributor Valve (HDV)
- Relief : 3 Nos.

### **Specifications :**

- This valve is used in Loop Type Automatic Grease Lubrication Station
- End pressure Valve is eliminated
- By internal pressure created in the incoming lines after one cycle lubrication completion the flow of grease is hydraulically directed from line 1 to 2 and vice versa
- A limit switch is provided with this valve which operates through the striker of the valve
- Stops the station on completion of one cycle of lubrication
- Working Pressure : 100-400 kg/cm<sup>2</sup>
- Limit Switch 220V, 3 Amp.
- Connections : 1/2" B.S.P.

# OUR PRODUCTS

## Motorized Grease Refilling Pump

We are offering superior quality Motorized Grease Refilling Pump which is meant for transfer of grease from grease barrels to the reservoir of lubrication station. The grease is sucked through the filter at the bottom of pump and is delivered through steel pipe and hose. We provide Motorized Grease Refilling Pump to various industries as per their requirements.

### **Features :**

- Mild steel case
- Pair of meshing gears
- Electric motor
- Hose end
- Captive nut
- With small backlash
- Sealed chamber

### **Used In :**

- Cement Plants
- Steel Plants
- Power industry
- Paper Industry
- Engineering industry



Delivery Volume	200 kg./hr.
Operating Pressure	30 kg/cm <sup>2</sup> (max.)
Filter Gauze	1 mm
Filtration Surface	48 cm <sup>2</sup>
Electric Motor	1.0 H.P., 1440 RPM. 3 phase, 415 Volt.
Rubber Hose	1/2" BSPT (F) x 2 Mtr.



# OUR PRODUCTS

## Rotary Gear Pump

We offer high quality Rotary Gear Pumps that are widely used for the displacing Lubricating Oils, Diesel, Kerosene Oil, Transformer Oil, Edible, Oils etc. We used tested raw material for its construction. We provide Rotary Gear Pump to the clients as per their requirements within stipulated time frame at reasonable prices.

### **Attributes :**

- Robust and sturdy
- Gears are helical 8 double
- Hobbling machine with close tolerances
- Soundless operation
- Heat treated to obtain hardness up to 50 to 55 RC
- Minimize wear and tear and ground to close tolerances for smooth running
- Superior seals makes the pump leak proof while running

### **Construction Material :**

- The body and the cover are made from closed grained C.I. 8 C.S. Castings
- Gear materials are EN-19 steel

### **Used In Industries Like :**

- RSteel Plants
- Cement Plants
- Thermal Power Plants
- Sugar Plants for circulation of lube oil for large gear boxes, lubrication of ID and FD fan bearings and turbines
- Oil Storage Plants
- Soap and Detergent Plants
- Paint and Varnish Plants
- Chemical Factories
- Vegetable Oil Mills
- Cattle Feed Plants
- Pressurization of Hydraulic equipment
- Pre jacking & fuel oil atomizing



# OUR PRODUCTS

## Rotary Gear Pump



# OUR PRODUCTS





# OUR PRODUCTS



# OUR PRODUCTS



# OUR PRODUCTS





# CONTACT US



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