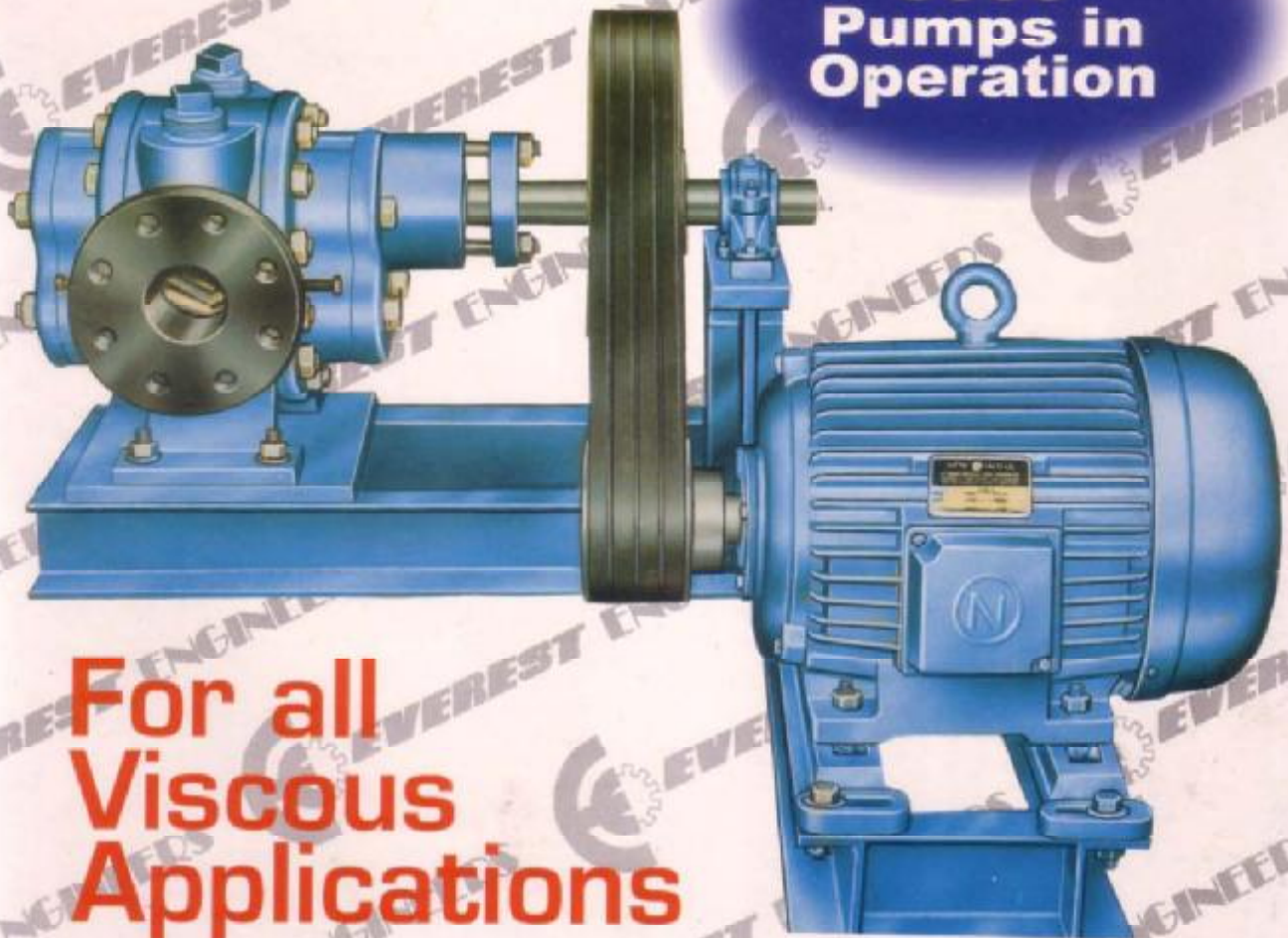




EVEREST

Rotary Gear Pumps

Over
5000
Pumps in
Operation



For all
Viscous
Applications



EVEREST

A technical advantage

EVEREST LIQUID CARGO LOADING PUMPS

EVEREST High Capacity Gear Pumps are in operation in several Ports essentially used for liquid cargo loading. These Pumps handle Liquids of Medium and High Viscosity range and run on reduced speeds depending on viscosity. The Pumps can be installed on Barges, Ships, Near Shore Tanks or Jetties. These Pumps handle liquids like Molasses, Furnace Oil, Carbon Black, Lube oil with appropriate speed reduction.

VERSATILE ADD-ONS :

- ◆ Hardened and ground gears for critical and high pressure applications.
- ◆ Improved performance through modified gears.
- ◆ Sanitary construction for food and corrosive applications.
- ◆ All pumps foot mounted with horizontal inlet / outlet.
- ◆ Special designs for low NPSH systems.
- ◆ All pumps shop designed and tested for optimum level of performance.



SELECT YOUR PUMP SPEED

VISCOSITY RANGE		PUMP SPEED
0 -	200 CPS	1440
UPTO	500 CPS	960
UPTO	2000 CPS	600
UPTO	5000 CPS	350
UPTO	10,000 CPS	250
UPTO	25,000 CPS	150
UPTO	1,00,000 CPS	100

EVEREST PUMPS HANDLE ALL THESE AND MORE

- | | |
|--------------------|-----------------|
| MALT | EFFLUENTS |
| GLUCOSE | SHAMPOO & SOAPS |
| MOLASSES | EMULSIONS |
| FURNACE OIL | GRANITE SLURRY |
| EDIBLE OIL | FRUIT JUICES |
| RUBBER | SUGAR SYRUPS |
| ACID SLURRIES | DETERGENTS |
| PETROLEUM PRODUCTS | BITUMIN |
| CAARBON BLACK | PULP |
| THERMIC FLUID | VISCOSE |
| PESTICIDES | |

EVEREST ANALYTICALS

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EVEREST

GEAR PUMPS - COMPLETE SOLUTION

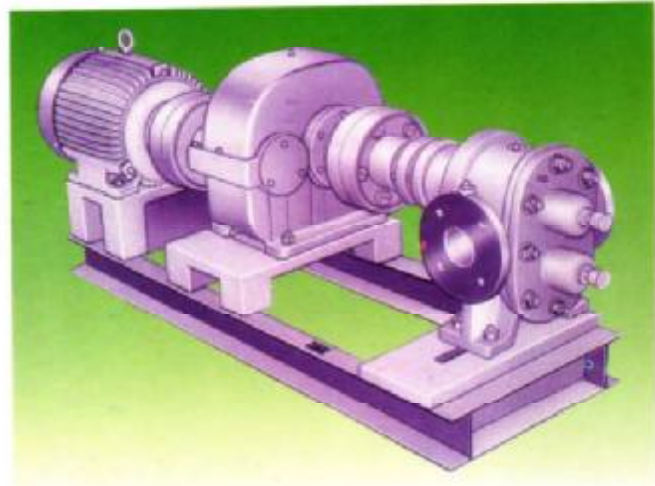
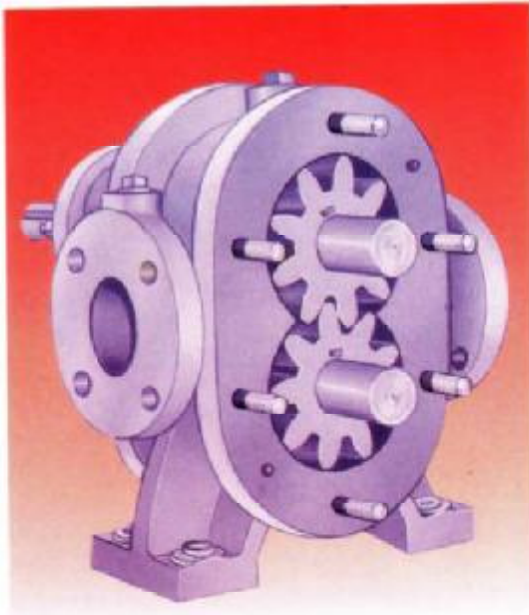
EVEREST

are manufacturers of largest capacity gear pumps in India with capacities ranging from 500 LPH to 4,00,000 LPH.

EVEREST Rotary gear pumps have been designed to deliver a variety of fluids of light and viscous material such as oil, fats, coal, tar, paint, molasses etc.

Machined and manufactured to close tolerances, our pumps have effectively performed even when pumping the thickest of cane molasses.

Thousands of Everest gear pumps are in operation in process industries in India and abroad giving optimum performance, serving some of the most demanding applications in industry.



FEATURES :

1. Pumps in cast iron, cast steel, bronze and stainless steel construction.
2. Gears of steel, Stainless steel and bronze. single helical, double helical or spur gear.
3. Bearings internal bush on board ball bearing, external ball bearings.
4. Sealing by gland packing, internal / externally mounted mechanical seal.
5. Jacketting : Jacketting of casings for all solidifying liquids.
6. Manufacturing range : 1/2" NB inlet / outlet to 10" NB inlet / outlet.
7. Capacity range : 500 LPH to 4,00,000 LPH. with pressure upto 25kg/cm².
8. Drives : Choice of directly coupled and reduced speed drives incorporating :
 - a. Geared Motor
 - b. Reduction Gear Box.
 - c. V Belt or chain drive
 - d. AC or DC speed variator for dosing applications
9. Viscosity : From 5 cps to 2,00,000 cps.



EVEREST

Technology meets the challenge



**EVEREST Horizontal Internal bush bearing pumps.
CAPACITY CHART - SD SERIES**

MODEL	SIZE INLET / OUTLET	DISPLACEMENT FOR 100 REV. IN LTRS.	MAX. SPEED	CAPACITY LPH @ MAX. SPEED
SD2	2 x 2	49	960	28000
SD3	3 x 3	95	960	55000
SD4	4 x 4	148	960	85000
SD5	5 x 5	186	700	78000
SD6	6 x 6	298	700	125000

Bearings are Gunmetal / Teflon / Carbon, Pumps for medium and heavy viscous fluids.

**EVEREST SD-SERIES External bearing pumps
CAPACITY -SD SERIES HIGH CAPACITY RANGE**

MODEL	SIZE INLET / OUTLET	DISPLACEMENT FOR 100 REV IN LTRS.	MAX. SPEED	CAPACITY LPH @ MAX. SPEED
SD6	6 x 6	298	700	125000
SD8	8 x 8	667	500	200000
SD10	10 x 10	1000	500	300000



Bearings are outboard isolated from liquid chamber. Most suited for pumping liquids of various viscosities.



EVEREST LD Series Gear Pumps for light / medium viscous application

CAPACITY CHART - LD SERIES

MODEL	SIZE INLET / OUTLET	DISPLACEMENT FOR 100 REV. IN LTRS.	MAX. SPEED	CAPACITY @ MAX SPEED LPH
LD 15	1/2 x 1/2	1.4	1440	1200
LD 24	1 x 1	3.2	1440	2800
LD 40	1 1/2 x 1 1/2	9.2	1440	8000
LD 50	2 x 2	28.0	960	16000

Internal Bush or on board ball bearings with various seal options.

Above data based on test results with lubricating oil at 1 Kg/Cm² pressure