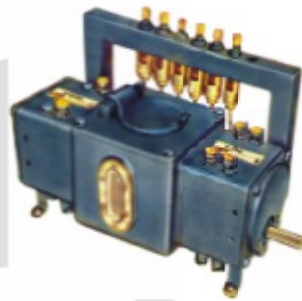




Brentford Mechanical Oil Lubricators

Brentford Mechanical Lubricators are specially designed for use on industrial, marine & locomotive equipment. Constant development & many years of experience in the subject of lubrication make our product ideal equipment for use on steam and diesel engines, sugarcane crushers, presses, mechanical handling plants & many similar applications where the lubricant to be used is oil.

Unit construction is a feature of these lubricators, the basic components being an Oil Reservoir & a Pump Body Assembly. The oil reservoirs are available in two sizes, 1.5 Ltrs. for use with bodies having 2 – 10 pump units & 4 Ltrs. for use with bodies having 6 – 20 pump units. Oil level is indicated by moulded plastic sight glass.



Operation :- The main driving shaft, which can be rotated in either direction, has a series of cams which operate rocker arms, the outer ends of which drive pistons which slide in renewable vertical cylinders. The oil is delivered through a check valve and banjo outlet, which is connected to the lubrication points by nylon tubing, the delivery per stroke can be varied for each piston individually, with the lubricator either running or at rest, by means of a knurled adjusting knob on the top of the body casting.

Performance Data :- Minimum shaft speed is 5 r.p.m. Maximum shaft speed 100 r.p.m. Recommended W.P. 35 Kg/Sq.Cm. with Flow indicators, 70 Kg./Sq.Cm. without Flow Indicators. Delivery per pump unit 0 to 0.1 c.c. per revolution.



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Drive Components :- Motorised models are available with Reduction Gear Box.

Ratchet Drive Arm (OA 6853) :- Min. operating angle 9', for drive from parent machine. Priming Handle (OA 6872) for use with ratchet arm. Chainwheels of 12.7mm pitch, 10 & 60 teeth. 18 teeth free wheel sprocket is also available.

Ancillary Equipment :- Flow Indicator Assemblies are available for mounting on the lubricators. Flow to each bearing can be thus checked regularly, provision being made for identification of the bearing supplied from each pump outlet.

Installation :- These lubricators must be rigidly mounted with the pump units working vertically, and the legs are normally fitted for mounting on a horizontal surface. Where the required support surface is vertical, the legs of 1.5 Ltrs. model can be refitted on the side of the lubricator, but for the 4 Ltrs. model wall mounting brackets (OA 6841) are required. Installation incorporating electric motors are each supplied complete with horizontal baseplate.



38, Bibijan Street, 1st Floor, Office No.20, (Off Nagdevi Street) Mum-3.
Tel No- 23447152, 23439556 Fax- 23420498 Email: vijayeng1@hotmail.com
www.vijaylube.com