

TECHNICAL SPECIFICATIONS FOR PORTABLE GAUGE FACE LUBRICATOR

- (i) Running Wheels over rail should be made of Solid Teflon material **polytetrafluoroethylene (PTFE)** for high resistivity to heat, electricity and water. It should be able to work in a track circuited area.
- (ii) Lubricator should be able to move over 52 kg rail track as well as 60 kg rail track.
- (iii) Chain (0.5 inch pitch) should be of industrial standard made of high-grade alloy steel. It should be BIS and ISI certified.
- (iv) Grease pump in lubricator should have variable handle setting and capacity should not be below 6Kg. It should be of industrial standard of make GROZ or equivalent.
- (v) The total weight of the lubricator with grease should not exceed 25 kg.
- (vi) The gauge face lubricator should be spray painted with a good quality paint.
- (vii) Gauge face lubricator should be able to move over rail as well as on road with separate wheels for movement over rail and on road. Movement of all the wheels to be provided over bearing arrangement.
- (viii) Teflon wheels should be attached to the body with bearing for smooth movement. No movement over bush arrangement to be provided.
- (ix) A side stand arrangement should be attached to the body whenever is needed to standby the lubricator over track.
- (x) Rotations of Sprockets should be over bearing for smooth movement.

- (xi) Handles of the lubricator should be provided with rubber grip for easy handling.
- (xii) All the bolts used in the machine should be of make: - Unbrako, TVS, LPS. All the nuts should be of type: nyloc nuts (Nylon insert lock nuts).
- (xiii) Five (5) nos (Quantity) of brushes/sponges used for grease application, should be supplied as spares along with the lubricator. Additionally, two numbers of Running Wheels over rail (One number with Sprocket-chain connection and one number without Sprocket-chain connection) to be supplied as spares.
- (xiv) Accessories Spares/tools/chain lubrication oil with a tool box should be supplied for easy assembling of machine.
- (xv) Manufacturers should provide a warranty of 12 months for any manufacturing defects.


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