



Monolex[®] Penetrating Oil & Lubricant (2059)

City of San Marcos – Texas

Locking Meter Rings

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Customer Profile

The City of San Marcos Electric Utility Department is responsible for reading all electric and water meters, and connecting and disconnecting meters at customer's requests or for nonpayment of bills. This department has been an LE customer for two years.

Application

The City of San Marcos Electric Utility Department has a unique application in the locking meter rings on residential and commercial electric meters. When they disconnect electric meters, it is imperative that they be made as tamper-proof as possible. Meter locking rings are used for this purpose.

Challenge

After these meter locking rings have been on the meters, exposed to the elements, they are some times very difficult to open. The rings are so tough that they not only prevent theft, they are literally impossible for the City personnel to remove if the lock will not operate. They had been trying major brand penetrating sprays, but they would get "tacky" inside the locks. The locks would not turn, because the tacky residue of the sprays would freeze the lock mechanism.

LE Solution

The local LE lubrication consultant recommended Monolex[®] Penetrating Oil & Lubricant (2059) for this application. This all-purpose penetrating oil quickly dissolves rust, gum and varnish, freeing "frozen" parts. It also acts as a rust and corrosion preventative on metal surfaces.

Results

Monolex 2059 has saved the City of San Marcos much time and frustration in trying to get these meter locking rings free. It makes the locks easy to open and doesn't get tacky inside, keeping the locking mechanism free. All trucks now carry Monolex 2059.

Other Products Used

- Wirelife[®] Monolec[®] Penetrating Lubricant (2001)
- Monolec[®] Hydraulic Oil (6115)
- Syntemp[®] Synthetic Lubricant (9102)

Thank you to David Kirkwood, storekeeper, and to the local LE lubrication consultant, for providing the information used in this report.



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Based on actual user experience. Individual results may vary. Not intended to supersede manufacturer specifications.

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