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## CIRCUIT BREAKER LUBRICATION



At present a tube of "Aero Lubriplate" is supplied with the cubicle accessories for use as a cubicle disconnect contact lubricant to increase silver plating life. This lubricant must not be used on any part of the circuit breaker. The following procedures should be used:

### GENERAL CIRCUIT BREAKER

Thorough inspection at periodic intervals is important to satisfactory operation. Conditions affecting maintenance are weather and atmosphere, experience of operating personnel, and special operation requirements. The frequency of inspection and maintenance will, therefore, depend on installation conditions and can be determined only by experience and practice.

When lubrication is necessary, all purely mechanical joints should be given a light film of BEACON P-290 grease (a product of Beacon Oil Company, a subsidiary of Humble Oil Corporation). All current-carrying joints should be inspected to be sure all contact surfaces are free of protrusions or sharp changes of plane. Rub microfine graphite well into all contact surfaces and remove any excess.

**CAUTION:** *Do not get graphite on insulation as it cannot be removed and insulation must be replaced if contaminated with graphite.*

### NEEDLE BEARINGS

Needle bearings are packed with a special lubricant and should require no further attention. Bearing pins and other sliding or rotating areas should be wiped with a thin film of BEACON P-290 grease (a product of Beacon Oil Company, a subsidiary of Humble Oil Corporation). Greasing should be done with care because excess grease tends to collect foreign matter which in time may make operation sluggish and affect the dielectric strength of insulating members.

Beacon P-290 grease may be purchased through Humble Sales Offices in Los Angeles, California; Oak Brook, Illinois; Baltimore, Maryland; Pelham, New York; Charlotte, North Carolina; Memphis, Tennessee; Dallas and Houston, Texas.

This grease is available in five (5) pound cans from Allis-Chalmers, P.O. Box 2505, West Allis, Wisc., 53214. Ask for part number 00-337-131-001.