

## MAINTENANCE

**PERIODIC MAINTENANCE AND INSPECTION** - These procedures consist primarily of regularly scheduled cleaning and inspections. The time intervals cited are based on normal use of the SOMAT<sup>®</sup> unit; approximately **six hours per day**, seven days per week. Equipment operating more than this or in severe service will require more frequent inspection/maintenance.

Continued adherence to these inspections will provide adequate lead time when ordering spare parts, thereby minimizing unnecessary and costly down-time.

### LUBRICATING CHART

UNIT	FREQUENCY	TYPE OF FITTING	LUBRICANT
Hydra-Extractor <sup>®</sup> speed reducer	6 months to 1 year	Oil fill plug	Amer. Worm Gear Oil (Amoco) Gear Oil 629 (Mobil)
Hydra-Extractor <sup>®</sup> top bearing	Once per month	Zerk Fitting	Water repellent grease

### INSPECTION CHART

	DAILY	WEEKLY	MONTHLY	QUARTERLY
<b>1. GENERAL (Overhaul Yearly)</b>				
a. Check exterior finish for corrosion.				X
<b>2. EXTRACTING UNIT</b>				
a. Check screw and brush for wear.				X
b. Check screen for wear.				X
<b>3. DRIVE</b>				
a. Check reducer for noise and leakage.				X
b. Check bearing and screw shaft for wear.				X

**TROUBLESHOOTING AND ANALYSIS** - Common Hydra-Extractor<sup>®</sup> malfunctions, probable causes, and corrective actions are as follows:

SYMPTOM	POSSIBLE CAUSE	CORRECTIVE ACTION
Hydra-Extractor <sup>®</sup> stops frequently.	<ol style="list-style-type: none"> <li>1. Worn screw.</li> <li>2. Incorrect or defective thermal overloads &amp; fuses.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace screw.</li> <li>2. Check electrical wiring diagram for proper amperage requirements. Replace incorrect or defective parts as required.</li> </ol>
Excessively wet pulp discharge from Hydra-Extractor <sup>®</sup> .	<ol style="list-style-type: none"> <li>1. Clogged screen</li> </ol>	<ol style="list-style-type: none"> <li>1.               <ol style="list-style-type: none"> <li>a. Clean exterior of screen thoroughly.</li> <li>b. If problem persists, check brush on screw for wear. Replace screw if required.</li> </ol> </li> </ol>