

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[®] 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.

LUBRICATION CHART

UNIT	FREQUENCY	TYPE OF FITTING	LUBRICANT
Hydra-Extractor [®] Speed Reducer.	6 months to 1 year	Oil fill plug	Amer. Worm Gear Oil (Amoco) Gear Oil 629 (Mobil)
Hydra-Extractor [®] top bearing	Once per month	Zerk fitting	Water repellent grease

INSPECTION CHART

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

TROUBLESHOOTING AND ANALYSIS - Common Hydra-Extractor[®] malfunctions, probable causes and corrective actions are as follows:

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