



Maintenance Chart

Fire Pumps

DATE																				
EACH OPERATION																				
CAFS SYSTEM - Check lubricant level (add if required), check for leaks																				
WEEKLY																				
PRIMING PUMP - Operate to exercise (also cycles fresh lubricant in lubricated systems)																				
BUTTERFLY VALVE - Operate through open-close cycle																				
CAFS SYSTEM - Check and clean water strainer																				
MONTHLY																				
TRANSMISSION / BEARING HOUSING Check lubricant level - add if required Check fluid pump operation (if provided)																				
KC HYDRAULIC SHIFT RESERVOIR Check fluid level - add if required																				
PRIMING PUMP - Perform vacuum test																				
PILOT VALVES - Exercise and clean strainer																				
PACKING - Check packing leakage																				
INTAKE SCREENS - Check condition																				
RUNNING TESTS (Consult operator manual)																				
CAFS SYSTEM - Check air intake filter																				
6 MONTHS OR 100 HOURS																				
CP-3 TRANSFER VALVE - Add grease and switch back and forth between positions																				
ANODES - Check Condition																				
TRANSMISSION / BEARING HOUSING Change lubricant Clean lubricant pump (sump) strainer (if provided) Clean drain plug and breather																				
IMPELLER SHAFT BEARING(S) - Add grease																				
CH-4 MECHANICAL SEAL - Flush seal chamber																				
KC HYDRAULIC SHIFT ACCUMULATOR Check pressure																				
CAFS SYSTEM - Check PolyChain® and clutch																				
ANNUALLY																				
CAFS SYSTEM - Change compressor oil and filter																				
24 MONTHS																				
CAFS SYSTEM - Change air/oil separator cartridge																				
MECHANICS INITIALS																				

* Consult appropriate Waterous instructions for maintenance information. See page 2 for lubricants.

RECOMMENDED LUBRICANTS

The types of lubricants recommended for Waterous equipment are listed below:

LUBRICATION REQUIREMENTS

MODEL SERIES	CAPACITY *Quarts or *Liters		LUBRICANT	
C10, TC10	12		ATF (All Climates) or For ambient temperatures over 90° F, SAE 20 oil 300 SSU @ 100° F with service classification SA, SB or SC should be used.	
C20, TC20	8			
KC	1/2 (Hydraulic Shift Reservoir)			
PA, TPA	Mounted Vertically	1		
	Mounted Horizontally	3/4		
QA	1-1/2			
QB	4-1/2			
QC, TQC	4			
TMR	5			
WB	6			
Y, TY	12			
CZ , CZU	1/4			SAE 30 Oil (Non-Detergent)
CR	1/4			
HL200	1			
HL300	1			
S100D	1/2			
K	1		SAE 80W-90 Gear Oil	
KC	2-1/4 (Transmission)			
T	1			
TML	4			
TMS	6			
TG100	3			
Eclipse™ Air Compressor	10			ISO 68 Hydraulic Oil

*Capacities shown are approximate quarts or liters. Always fill to the bottom of the plug labeled "Oil Level", window in sight plug or marking on dipstick. Quantities listed vary based on ratio and/or mounting orientation.

Synthetic ATF and oil substitutes are acceptable.

OTHER LUBRICANTS:

ITEM	LUBRICANT
Impeller Shaft Bearing(s)	Ball Bearing Grease
Priming Tank	Waterous "Prime-Safe"™ Lubricant (Part No. 72800)
CP-3 Transfer Valve	Any Food Grade Grease