

Maintenance & Supplies

Lubricants



Lubricant	Part #	Qty	Source	Specification
Viscous Fluid	BJ 048-X	6 oz.	StoneAge	Synthetic Silicone Lubricant
Air Motor Oil	GP 041	32 oz.	Mobil	Almo 525 - ISO 46 - SAE 10
Hydraulic Oil	HF 042	1 Gal.	Texaco	Rando HD 68 - ISO VG 68
Auto Trans Fluid	GP 042	32 oz.	NAPA	Mercon/Dexron ATF
Anti-Seize	GP 043	2 oz.	Swagelok	MS-TL-BGT
Motor Oil	GP 044	32 oz.	NAPA	10W-40
Gearbox Lube	GP 046	32 oz.	NAPA	80W - 85W - 90
Thread Sealant	GP 047	4 oz.	Parker	Thread Mate
Grease	GP 048	14 oz.	Mobil	Synthetic Grease SHC 100

MSDS sheets are available for all lubricants.

Air Motors



SG 055

LM 016-4

LM 016-6

Three air motors are currently used in our assemblies, note the chart at right. Use this information to plan your compressed air requirements.

Model	SG 055 + LM 016-4		LM 016-6	
At Peak				
Rotation	3000 rpm		3000 rpm	
Power	1.7 HP	1.3 KW	4.0 HP	3.0 KW
Torque	36 in-lbs	4.1 Nm	84 in-lbs	10.0 Nm
Air Consumption	30 cfm	51 m3/hr	128 cfm	228 m3/hr
Air Pressure	100 psi	7.0 bar	100 psi	7.0 bar
At Minimum				
Rotation	600 rpm		600 rpm	
Power	.35 HP	.26 KW	.50 HP	.37 KW
Torque	31 in-lbs	3.5 Nm	62 in-lbs	7.0 Nm
Air Consumption	12 cfm	20 m3/hr	27 cfm	46 m3/hr
Air Pressure	60 psi	4.0 bar	60 psi	4.0 bar

Hydraulic Motors



LM 122 Motor

The Danfoss OMM 8 hydraulic motor is currently used on all **StoneAge**® equipment with hydraulic power. This information helps you plan oil pumping and control requirements. Available with either 0° or 90° ports.

Model	LM 122 Continuous		LM 122 Intermittent	
Rotation	1960 rpm		2430 rpm	
Power	2.3 HP	1.3 KW	3.5 HP	3.0 KW
Torque	95 in-lbs	4.1 Nm	135 in-lbs	10.0 Nm
Oil Flow	4.2 gpm	133 m3/hr	5.3 gpm	228 m3/hr
Oil Pressure	1450 psi	100 bar	2000 psi	138 bar
Min. Rotation	50 rpm			

Threaded Connections



Pressures above 4k psi

Use anti-seize and fluorocarbon tape for gall-free, leak free pipe connections. For 20k psi and 40k psi connections, just use anti-seize.

Galling

Stainless steel threaded connections tend to gall when tightened. Galled threads are almost welded together, resulting in an expensive problem. To prevent galling use an anti-seize compound whenever stainless steel threads are tightened. **Tape by itself doesn't prevent galling.**

Pressures below 4k psi

For pressures below 4k psi use Parker Thread Mate® alone for gall-free, leak-free connections.