

▼ Shown top to bottom: HF-101, A-65, A-64, FZ-1055, A-66, FZ-1634, FZ-1625, FZ-1608



Genuine Enerpac System Components



WARNING !

Use only genuine Enerpac Hydraulic Oil. The use of any other fluid will render your Enerpac warranty null and void.

More safety instructions in our "Yellow pages"

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Hydraulic Oil

Contents	Model Number
One Quart	HF-100
One Gallon	HF-101
Five Gallons*	HF-102
Fifty-Five Gallons	HF-104

* Packed in two 2 1/2 gallon cans.

- Maximum pump volumetric efficiency
- Maximum internal heat transfer
- Prevents pump cavitation
- Additives prevent rust, oxidation and sludge
- High viscosity index
- Maximum film protective lubricity

▼ Oil Specifications chart

Viscosity Index	100 min
Viscosity at 210°F	42/45 S.U.S.
Viscosity at 100°F	150/165 S.U.S.
Viscosity at 0°F	<12,000 S.U.S.
API Gravity	31.0/33.0
Flash, C.O.C. °F	400
Pour Point, °F	-25
Aniline Point, °F	210/220
Paraffinic Base Color	Blue

Manifolds

Description	Model Number	Dimensions (in)
7" Long Manifold with 7 female ports.	A-64	
14" Long Manifold that allows direct mounting of control valves to the manifold. 7 female ports.	A-65	
6-Port Hexagon Manifold. Plugs furnished for all ports 3/8"-18 NPTF.	A-66	
Premounted Manifold Functions as split-flow valve to control two single-acting cylinders simultaneously. All ports 3/8"-18 NPTF.	AM-2	

Hydraulic Oil, Manifolds and Fittings

Recommended Tubing for Hand Plumbing Applications

Enerpac does not supply high-pressure pipe or tubing, but recommends the use of cold drawn steel tubing instead of regular pipe in the following dimensions:

In place of .25" pipe, use .53" O.D. x 11 ga. (0.12") wall.

In place of .38" pipe, use .38" Schedule 80 seamless pipe.

In place of .50" pipe, use .84" O.D. x 0.16" wall.

This tubing can be threaded with standard pipe threading dies.

**A,AM
FZ,HF
Series**



Maximum Operating Pressure:
10,000 psi

Fittings

Description		Model Number	Dimensions (in)				Diagram
			A	B	C	D	
Street Elbow From: 3/8"-NPTF Male To: 3/8"-NPTF Female		FZ-1616	.94	1.30	3/8"-18 NPTF	3/8"-18 NPTF	
Reducing Connector From: 3/8"-NPTF Female To: 1/4"-NPTF Female		FZ-1615	1.13	1.00	3/8"-18 NPTF	1/4"-18 NPTF	
From: 1/2"-NPTF Female To: 3/8"-NPTF Female		FZ-1625	1.88	1.14	1/2"-18 NPTF	3/8"-18 NPTF	
Hex Nipple From: 1/4"-NPTF Male To: 1/4"-NPTF Male		FZ-1608	1.50	.63	1/4"-18 NPTF	1/4"-18 NPTF	
From: 3/8"-NPTF Male To: 3/8"-NPTF Male		FZ-1617	1.47	.75	3/8"-18 NPTF	3/8"-18 NPTF	
Coupling From: 3/8"-NPTF Female To: 3/8"-NPTF Female		FZ-1614	1.13	1.00	3/8"-18 NPTF	3/8"-18 NPTF	
Cross From: 3/8"-NPTF Female To: 3/8"-NPTF Female		FZ-1613	1.77	1.00	3/8"-18 NPTF	-	
Tee From: 3/8"-NPTF Female To: 3/8"-NPTF Female		FZ-1612	1.77	1.00	3/8"-18 NPTF	-	
Elbow From: 3/8"-NPTF Female To: 3/8"-NPTF Female		FZ-1610	1.38	.88	3/8"-18 NPTF	-	
Bushing From: 3/8"-NPTF Male To: 1/4"-NPTF Female		FZ-1630	.75	.75	1/4"-18 NPTF	3/8"-18 NPTF	
Swivel Fitting From: 3/8"-NPTF Male To: 3/8"-NPTF Female		FZ-1660	1.56	.88	3/8"-18 NPTF	3/8"-18 NPTF	
Adaptor Female 3/8"-18 NPTF 1/2"-14 NPTF 1/2"-14 NPTF	Male 1/4"-18 NPTF 1/4"-18 NPTF 3/8"-18 NPTF	FZ-1055	1.75	.94	1/4"-18 NPTF	3/8"-18 NPTF	
		FZ-1633	1.69	1.13	1/4"-18 NPTF	1/2"-14 NPTF	
		FZ-1634	1.69	1.13	3/8"-18 NPTF	1/2"-14 NPTF	