ENERPAC
POWERFUL SOLUTIONS. GLOBAL FORCE.

▼ Shown from top to bottom: **HF-101, HF-100, HF-102, LX-101, A-65, FZ-1055**

The Genuine Range

Premium Hydraulic Oil

Contents	Model Number	
1 litres	**HF-100**	High viscosity index ensures maximum lubricity over a wide range of operation temperatures.
4 litres	**HF-101**	
20 litres *	**HF-102**	
200 litres	**HF-104**	
4 litres **	**LX-101**	

* Packed in two 10 litres cans.
** Hand pump oil.

▼ OIL SPECIFICATION CHART

	HF Oil	LX Oil
ISO Viscosity Grade	32	15
API Gravity, ASTM D1298	32	34
Viscosity, ASTM D445		
SUS @ 100 °C	5,4	3,5
SUS @ 40 °C	32	15
Viscosity Index, ASTM D2270	95	100
Pour Point, °F, °C, ASTM D97	-37,9	-44,2
Flash Point, °F, °C, ASTM D92	191	188
Color	Blue	Yellow
Working Temperature Range	0 - 60 °C	0 - 60 °C
Ideal working temperature	40 °C	40 °C

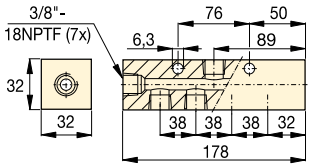
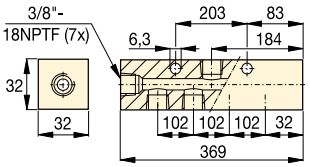
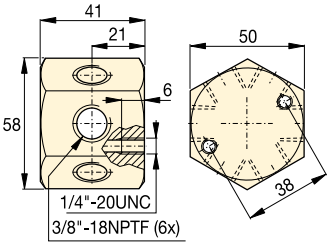
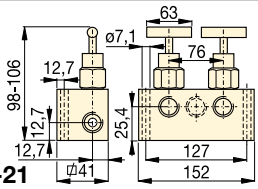
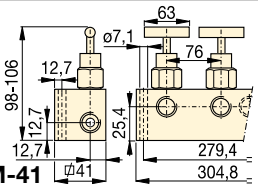
HF Oil

- **Specially formulated for power pumps**
  - **maximum volumetric efficiency**
  - **maximum heat transfer**
  - **prevents cavitation**
  - **anti-sludge, anti-rust, anti-foam additives**
- **Maximum film protective lubricity**
  - **anti-oxidation additives.**

LX Hand Pump Oil

- **Specially formulated for hand pumps**
  - **anti-sludge, anti-rust additives**
- **Reduced handle effort over HF blue oil**
  - **good low temperature performance**
- **Not for use in power pumps.**

Manifolds

Description		Model Number	Dimensions (mm)
7-port Manifold, short		**A-64**	 **A-64**
7-port Manifold, long allows direct mounting of control valves to the manifold.		**A-65**	 **A-65**
6-port Manifold, hexagon Plugs furnished for all ports ⅜"-18 NPTF.		**A-66**	
Control Manifolds For control of two or four single-acting cylinders simultaneously. AM-21 with 5 ports ⅜"NPTF. AM-41 with 7 ports ⅜"NPTF.		**AM-21**	 **AM-21**
		AM-41	 **AM-41**