

▼ Shown top to bottom: HF101, HF100, HF102, LX101, A65, and FZ1055



## Hydraulic Oil

Contents	Model Number	High viscosity index ensures maximum lubricity over a wide range of operation temperatures.
1 Quart	<b>HF100</b>	
1 Gallon	<b>HF101</b>	
5 Gallons*	<b>HF102</b>	
55 Gallons	<b>HF104</b>	
1 Gallon**	<b>LX101</b>	

\* Packed in two 2½ gallon cans.

\*\* Hand pump oil.

## ▼ Oil Specifications Chart

	HF Oil	LX Oil
ISO Viscosity Grade	32	15
API Gravity, ASTM D1298	32	34
Viscosity, ASTM D445		
SUS @ 212° F	43.7	38
SUS @ 104° F	151	77.5
Viscosity Index, ASTM D2270	95	100
Pour Point, °F, ASTM D97	-36.5	-47.5
Flash Point, °F, ASTM D92	375	370
Color	Blue	Yellow

NOTE: SAE grades do not apply to hydraulic oil.

## 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 No.	Dimensions (in)
<b>7" Long Manifold</b> with 7 female ports.		<b>A64</b>	
<b>14" Long Manifold</b> that allows direct mounting of control valves to the manifold. 7 female ports.		<b>A65</b>	
<b>6-Port Hexagon Manifold</b> Plugs furnished for all ports 3/8"-18 NPTF.		<b>A66</b>	
<b>Premounted Manifold</b> Functions as split-flow valve to control 2 to 4 single-acting cylinders simultaneously. All ports 3/8"-18 NPTF.		<b>AM21</b> <b>AM41</b>	
<b>4-Way Single- and Double-Acting Manifold Assemblies</b> with female couplers on all ports allowing the manifold to be quickly connected to up to 4 cylinders.		<b>AMGC41</b> <b>AMGC42</b>	