

# Grease Piston Pumps

## Product Selection Matrix

| MAX. SIMUL. DISPENSE POINTS | MAX. LINE LENGTH | MAX. - FREE FLOW         | AIR INLET | FLUID OUTLET | RECOMMENDED FLUID TYPES                   |
|-----------------------------|------------------|--------------------------|-----------|--------------|-------------------------------------------|
| <b>LYNX® 55:1</b>           |                  |                          |           |              |                                           |
| 1                           | 50' (50 m)       | 1.2 lb/min (0,5 kg/min)  | 1/4" NPT  | 1/4" NPT     | Up to NLGI-2 grease                       |
| <b>PANTHER® 50:1</b>        |                  |                          |           |              |                                           |
| 1-2*                        | 100' (30 m)      | 3.4 lb/min (1.54 kg/min) | 1/4" NPT  | 1/4" NPT     | Up to NLGI-2 grease                       |
| <b>LION™ 350 60:1</b>       |                  |                          |           |              |                                           |
| 1-2                         | 250' (75 m)      | 4.4lb/min (2 kg/min)     | 3/8" NPT  | 3/8" NPT     | Up to NLGI-2 grease                       |
| <b>LION™ 450 25:1</b>       |                  |                          |           |              |                                           |
| 1                           | 250' (75 m)      | 35 lb/min (16 kg/min)    | 1/2" NPT  | 1/2" NPT     | Up to NLGI-2 grease<br>High viscosity oil |
| <b>LION™ 450 40:1</b>       |                  |                          |           |              |                                           |
| 4                           | 400' (120 m)     | 24 lb/min (11 kg/min)    | 1/2" NPT  | 1/2" NPT     | Up to NLGI-2 grease                       |
| <b>LION™ 450 70:1</b>       |                  |                          |           |              |                                           |
| 4                           | 600' (180 m)     | 16 lb/min (725 kg/min)   | 1/2" NPT  | 1/2" NPT     | Up to NLGI-2 grease                       |
| <b>LION™ 600 12:1</b>       |                  |                          |           |              |                                           |
| 1                           | 30' (10 m)       | 88 lb/min (40 kg/min)    | 1/2" NPT  | 1" NPT       | Up to NLGI-2 grease                       |
| <b>LION™ 600 80:1</b>       |                  |                          |           |              |                                           |
| 4                           | 800' (240m)      | 18 lb/min (8 kg/min)     | 1/2" NPT  | 1/2" NPT     | Up to NLGI-2 grease                       |

Pump performance is predicated on viscosity (temperature), pumping distance, pipe diameter and dispense volume requirements. Contact Balcrank for system design assistance and technical data.

Always ensure hoses, fittings, and piping are rated for fluid outlet pressures. Balcrank recommends a minimum of 3x the safety factor.

Grease viscosity above NLGI-2 requires use of double post RAM on pg. 54. Contact Balcrank for product recommendations.



**LYNX® SERIES**



**PANTHER® SERIES**



**LION™ SERIES**