

Size and Spring

Static and Dynamic Bearing Conditions

LubeSite 200 Series is specifically designed for bearing housings that operate under static conditions. These units should not be specified for dynamic conditions. Specify the 300 Series (metal base) units for dynamic, impact, high torque or vibrating applications. LubeSite 404 disposable unit is for use on static operations with minimal shock or vibration.

Harsh Atmospheres

LubeSite 500 Series is designed for corrosive atmospheres while the 704 unit is designed for high temperature (up to 450°F) applications.

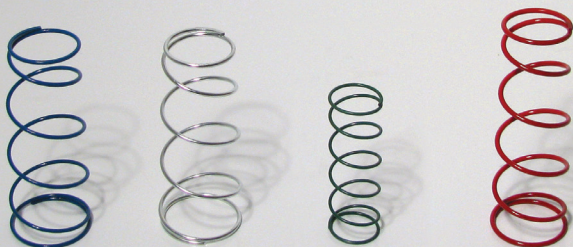
Grease Types

Almost all grade 0 to grade 4 non-separating grease will work.

Selecting the Proper Unit Size and Spring

To determine the LubeSite unit size, you need to know the bearing shaft diameter and speed, as well as the bearing class. For example, if the shaft diameter is 2", the bearing is sealed and the shaft speed is a continuous 2000 rpm, you will need an extra large unit. See the size selection guide on page 9.

To determine the proper spring, you need to know the operating temperature and the grease weight. For example, if the operating temperature of the bearing ranges from 60°F to 80°F, and you're using grade 2 grease, then you will need a medium (silver) spring. See the spring selection guide on page 9. If mounting on an extension, use of an extra heavy (orange) spring may be required (spring effectiveness will vary with application).



LubeSite Size Selection Guide

Bearing Shaft Diameter	Up to 1-1/2"			
Operating Condition	Intermittent		Continuous	
	Open	Sealed	Open	Sealed
Under 2500 rpm	1 oz	1 oz	1 oz	1 oz
Over 2500 rpm	2 oz	2 oz	2 oz	2 oz
Bearing Shaft Diameter	Over 1-1/2"			
Under 1000 rpm	2 oz	2 oz	2 oz	2 oz
1000-2500 rpm	2 oz	2 oz	6 oz	6 oz
Over 2500 rpm	6 oz	6 oz	6 oz	6 oz

Note: Bigger isn't always better. Don't intentionally oversize LubeSite units.

LubeSite Spring Selection Guide

Operating Temperature	Grease (Grade)				
	0	1	2	3	4
-10°F to 40°F (-23°C to 4°C)	Blue	Silver	Red	---	---
40°F to 110°F (4°C to 43°C)	Blue	Silver	Silver	Red	---
110°F to 200°F (43°C to 93°C)	---	Blue	Silver	Silver	Red
200°F to 250°F (93°C to 121°C)	---	---	Blue	Silver	Red

How to Order Springs

Color	Strength	Part #		
		For use with the following units		
		202/302/502	205/305/505	260/360/560
Blue	Light	202-7	205-7	360-7
Silver	Medium	202-8	205-8	360-8
Red	Heavy	202-9	205-9	360-9
Orange ¹	Extra heavy	202-15	205-15	360-15
		704		
Green	Medium	7107408		
Yellow	Heavy	7107409		

¹ Available for 1 oz, 2 oz and 6 oz grease feeders to be used on extension and where greater pressure is desired for flushing action.



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