



OPERATION & MAINTENANCE
GREASING
RECOMMENDATIONS
INSTALLATION INSTRUCTIONS

These recommendations are a guideline for typical conveyor applications. They do not overrule bearing or greasing manufacturer's recommendations.

PPI recommends a high-quality, #2 Lithium Complex based mineral oil grease with a viscosity of 200 to 250. Mobilgrease XHP222 is suggested to be used on conveyor pulley applications, including the SSP. When used with an automatic greasing system, a #1 Lithium Complex grease is recommended, such as Mobilgrease XHP221 This is compatible with the initial grease fill. For ambient temperatures from -40°F to 0°F (-40°C to -18°C), it is recommended that a Lithium Complex based synthetic oil grease is used, such as Mobilith SHC220. Suggested greasing intervals during initial use are as follows:

SUGGESTED GREASING INTERVALS

| Conditions | up to 120°F (up to 50°C) | 120° to 200°F (50° to 90° C) |
|-------------------|------------------------------------|--|
| Clean | 2 to 6 months | 1 to 2 months |
| Moderate | Monthly | 1 to 4 weeks |
| Dirty | Weekly | 1 to 7 days |
| Extremely Dirty | Daily | Every Shift |
| Turnover Pulleys | Daily to Weekly | Every Shift |

Check the grease condition for excessive oiliness or dirt and adjust greasing frequency accordingly. For conditions and/or temperatures outside of this range, consult with a reputable lubricant supplier.

PPI grease fills conveyor pulley bearings 100% at the factory. This reduces the possibility of condensation in the housing. This is the preferred method for larger, slower speed bearings such as those used on pulleys. Therefore, some grease may be purged out during the first run of the pulley. This is considered normal. After 8 hours of initial use, all bearings should be re-greased with fresh grease.

Precision Pulley & Idler cannot be held responsible for performance of individual batches of grease. Changes in lubricant specifications, performance, and lubricant guarantees are the responsibility of the lubricant manufacturer.

Warranties shall not apply to any product that has been subject to misuse, misapplication, neglect (including but not limited to improper maintenance and storage), accident, improper installation, modification (including but not limited to use of unauthorized parts or attachments) adjustment, repair, or lubrication. Misuse also includes, without implied limitation, deterioration in the product or part caused by chemical action, wear caused by the presence of abrasive materials, and the improper lubrication. Identifiable items manufactured by others but installed in or affixed to our products are not warranted by us, but bear only those warranties, express or implied, given by the manufacturer of that item, if any.

Responsibility for system design to ensure proper use and application of Precision Pulley & Idler products within their published specifications and ratings rest solely with the customer. This includes without implied limitation analysis of loads created by vibrations within the entire system regardless of how induced.



CORPORATE OFFICE • P.O. Box 287 • Pella, IA 50219
800.247.1228 • 641.628.3115 • 641.628.3658 FAX