



DIAMOND® DURALUBE® LIVE CHAIN

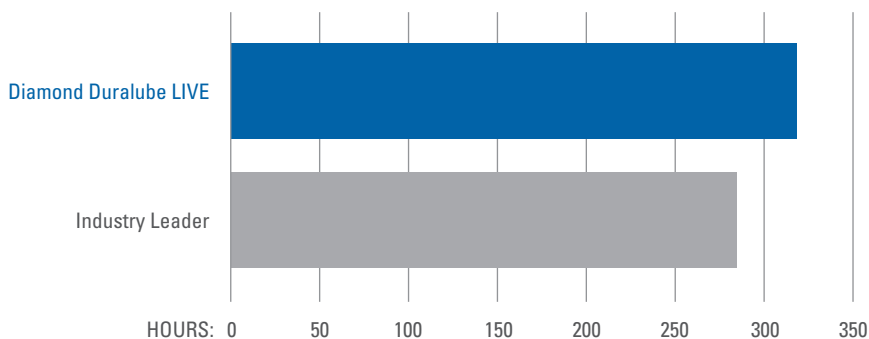


Even in applications where regular lubrication is impractical, Diamond® Duralube® LIVE chain will keep your operations running at peak performance.

This reduced maintenance, lubricant-infused chain releases supplemental lubrication during service – preventing premature elongation as a result.

From the first stages of research and development, to installation on your drive, Duralube LIVE is an engineered solution that will minimize maintenance and help extend chain life on the most demanding applications.

DURALUBE LIVE CHAIN OFFERS A 10% INCREASE IN WEAR LIFE OVER THE COMPETITOR.



Accelerated wear test conditions: 1200 RPMs, 100 lbs. of tension, 5.2 chain horsepower and 23T x 23T sprockets.

*Ambient temperature should not exceed 120°F. Max speed 1,300 ft/min for #40 chain; 1,000 ft/min for #50 chain; 850 ft/min for #60 chain; 650 ft/min for #80 chain.

PRODUCT FEATURES AND BENEFITS

- Carbon steel substrate provides strength and wear performance
- Lubricant-infused bushing gives supplemental lubrication to the pin/bushing joint
- Free-turning roller offers increased wear life

Duralube LIVE is available as a food-grade option, adding a special H1 food-grade lubricant for incidental food contact and Diamond ACE® (Anti-Corrosion Exterior) plating for moisture resistance.

INDUSTRIES SERVED

- Food & Beverage
- General Industry
- Material Transport
- Packaging



From concept, to production and throughout the life of the chain, we work hard to provide smart solutions to customers' challenges.

THE DIAMOND DIFFERENCE

- **Materials** – high-quality steel with minimal impurities offers increased tensile and fatigue strength
- **Fabrication** – exacting dimensional standards offer optimal performance by ensuring components fit together as precisely as possible
- **Heat Treatment** – strict atmosphere and quench control optimizes material properties to increase strength, durability and wear resistance
- **Shot Peening** – consistent shot peen intensity and coverage adds a layer of compressive stress, helping components resist fatigue failure when exposed to repeated high loads
- **Lubrication** – proprietary lubrication enhances corrosion protection and lessens the effects of friction to increase chain life
- **Preloading** – pre-stressing of the finished product reduces initial “stretching” to extend chain wear life

NOMENCLATURE

Duralube® LIVE Chain	Duralube® LIVE Food Grade Chain
DLR	DLF

For more product information, contact your local Diamond-Drives sales representative or visit diamonddrives.com.



www.diamonddrives.com

Diamond® chains are a part of The Timken Company's growing portfolio of engineered bearings and industrial motion products.

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