

BluLub è un nuovo materiale ad alte prestazioni composto da lubrificanti solidi di ultima generazione UHMW-PE. **BluLub** migliora il limite PV rispetto allo standard UHMW-PE, soprattutto nelle applicazioni dove la lubrificazione è limitata o assente e le velocità e/o i carichi sono elevati. **BluLub** ti fa consumare meno energia e con un basso coefficiente di attrito, migliora la stabilità del prodotto, l'usura della catene e de nastri modulari allungandone la vita utile.

BluLub is a new high-performance compounded UHMW-PE material with the latest generation of solid lubricants. **BluLub** contributes to improve PV-properties compared to standard UHMW-PE, especially in applications with limited lubrication, higher speeds and/or higher loads. **BluLub** requires less energy and with the lower coefficient of friction, improves the product stability and wear life of chains and modular belts.

BluLub ist ein neues High-Performance UHMW-PE Material mit der neuesten Generation von festen Schmierstoffen. **BluLub** trägt dazu bei die PV-Eigenschaften im Vergleich zu Standard-UHMW-PE zu verbessern, vor allem in Anwendungen mit begrenzter Schmierung, höheren Geschwindigkeiten und / oder höheren Lasten. Mit **BluLub** wird weniger Energie benötigt. Mit dem niedrigeren Reibungskoeffizienten, verbessert sich die Produktstabilität. Die Standzeiten von Ketten und Modulbändern werden erhöht.

Properties:

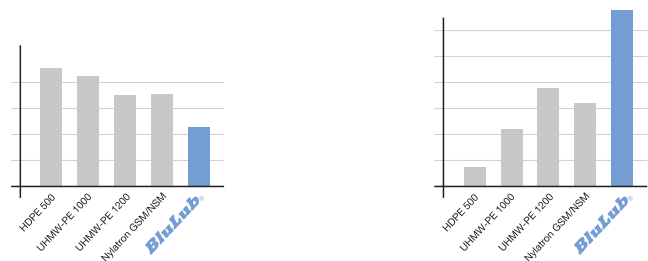
- UHMW-PE Polyethylene with molecular density 5,600,000 g/mol or 9,200,000 g/mol.
- Operating temperature: -40 to 176°F (-40 to + 80°C)
- BluLub complies with the Code of Federal Regulations of FDA

Advantages:

- Running dry
- High speed
- Reduced noise and squeaking
- Lower Coefficient of Friction
- Lower wear
- Less energy consumption
- Minimal moisture absorption
- Smooth and quite chain running

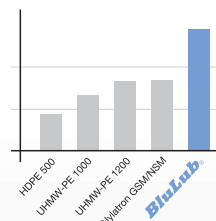
Vorteile

- Trockenlauf
- Hohe Geschwindigkeit
- Reduzierte Geräuschentwicklung und kein "Quietschen"
- Niedrigerer Reibwert
- Geringerer Verschleiß
- Weniger Energieverbrauch
- Minimale Feuchtigkeitseufnahme
- Ruhiger Lauf der Kette

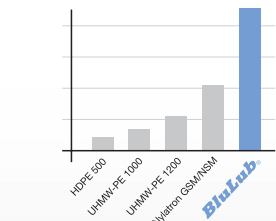


Coefficient of friction (average)

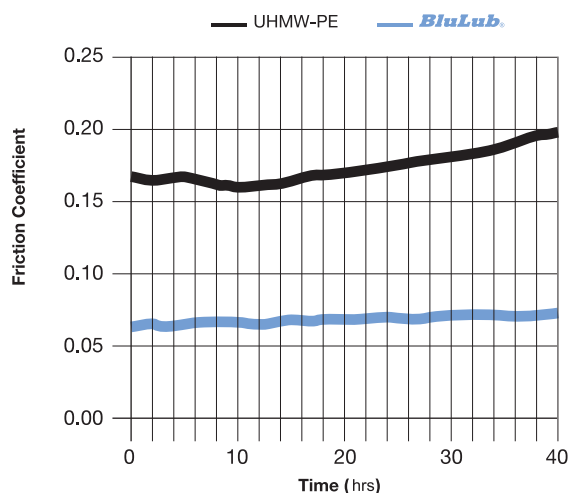
Relative wearlife



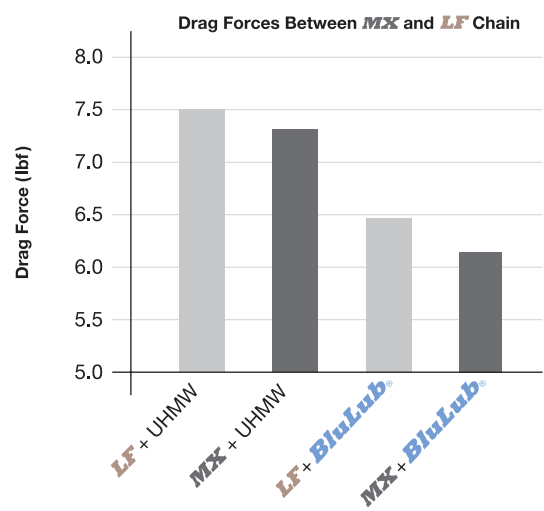
Max speed
max. recommended surface speed (dry-acetal LF chain)



PV-limit



Less Friction Compared to UHMW-PE



Chain / Wear Strip Configuration