



DURALIFE® POE SYNTHETIC CHAIN LUBRICANTS

DURALIFE® POE SYNTHETIC CHAIN LUBRICANTS are special high-temperature chain lubricants manufactured from Polyol Esters and special anti-wear and tackiness additives to provide long-lasting lubrication and optimum protection over a wide temperature range for lubricating efficiently and reducing the friction on the pins, rollers, bushings of the chain and drive sprocket under severe operating conditions. They help minimize wear, dripping and sling-off during chain operation.

APPLICATIONS :

DURALIFE® POE SYNTHETIC CHAIN LUBRICANTS are recommended for use in all chain drives to include : pin and bushing areas, open gears, sprockets, slides, hoists, conveyers, winches, sheaths in automotive, industrial, marine applications. They specially apply to all types of oil-lubricated stenter chains, such as roller chains, chains or clips supported by ball bearing with a combined lubrication of the bearings, chain links and slide rails, slide chains with a combined lubrication of the slide rails, chain links and chain bolts in textile industry.

BENEFITS :

- Increased spreading properties ensure rapid wetting of the friction points, especially of the chain links.
- Lasting lubrication for difficult applications.
- Provide reliable lubrication even at high operating temperatures.
- Excellent antirust, anti-wear, anti-corrosion, anti-foam properties.
- Do not form any lacquer like residues with quasi continuous total loss lubrication.
- Formation of a protective layer that rejects abrasive particles such dirt, sand, and salt.
- Excellent adhesion to chain and sprocket.
- Help reduce heat and friction to extend chain and bar life and minimize energy consumption.
- Designed for high rates of wood-chip removal.
- Adhere to metal parts, resist centrifugal throw-off under heavy cutting and high speeds.

TYPICAL CHARACTERISTICS :

| Test | Method | CLFS- POE 68 | CLFS- POE 100 | CLFS- POE 150 | CLFS- POE 220 | CLFS- POE 320 |
|----------------------------------|-------------|-----------------|------------------|------------------|------------------|------------------|
| ISO Viscosity Grade | | 68 | 100 | 150 | 220 | 320 |
| Specific Gravity @ 15.6°C (60°F) | ASTM D1298 | 0.920 | 0.925 | 0.910 | 0.910 | 0.915 |
| Viscosity @ 40°C, cSt | ASTM D445 | 68 | 100 | 150 | 220 | 220 |
| Viscosity Index | ASTM D 2270 | 152 | 152 | 150 | 154 | 155 |
| Flash Point, °C (°F) | ASTM D92 | 315(599) | 310(590) | 315(599) | 315(599) | 315(599) |
| Pour Point, °C (°F) | ASTM D97 | -50(-58) | -40(-40) | -40(-40) | -25(-13) | -25(-13) |

The above characteristics are average values based on recent production .Minor variations which do not affect product performance are to be expected in normal manufacture .

WARNING :

Continuous contact with used oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children. Don't pollute. Conserve resources. Return used oil and bottle to collection centers

Reference SDS No 12161 database on our website at www.amtecol.com
OR scan the code for a direct link

