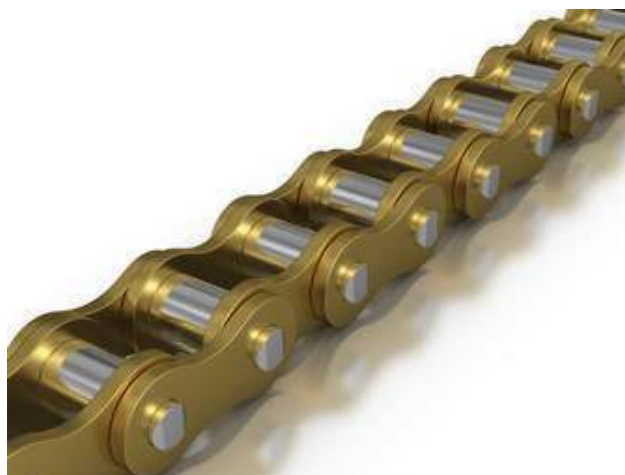


# CHAIN OILS

Chain Lubrication is an oft-neglected activity by most maintenance programs, resulting in shorter chain life, high replacement costs, downtime, as well as the rough, jerky movement of the chains. The right Chain Oil can,

- Reduce friction and wear even inside the rollers, pins and bushings
- Eliminate oil contamination, reducing rejected output and lessening the environmental impact
- Provide rust and corrosion protection
- Reduce energy costs
- Resist the formation of solids (carbonization) even at high temperatures



## INDUSTRIAL GRADE CHAIN OILS

|                                 | Viscosity (cSt at 40°C) | Operating Temperature (°C) | Base Oil            | Features  |
|---------------------------------|-------------------------|----------------------------|---------------------|---|
| <b>Tacbecon WR 460*</b>         | 450                     | -10 to 150                 | Mineral Oil         | Multi-service chain oil, adherent to metals.  |
| <b>Teccem Syntop 320 FA**</b>   | 320                     | -30 to 260                 | Ester               | Silicon, amide, DOP free, clean, resists carbonization, for ovens (reflow, painting, and similar).                |
| <b>Teccem Fluoronox 1460***</b> | 460                     | -20 to 280                 | PFPE                | Odorless, colorless, non-flammable, oxidation resistant, inert, no deposits, may be used for 300 °C intermittent. |
| <b>Tacbecon XV 4200*</b>        | 4200                    | -5 to 150                  | Mineral Oil         | For outdoor applications where resistance to the environment is paramount. Alternative to greases for chains      |
| <b>Tacbecon HTG 320*</b>        | 320                     | -15 to 600                 | Ester with Graphite | For ultra-high temperatures, the solids provide lubrication once the lubricant evaporates                         |

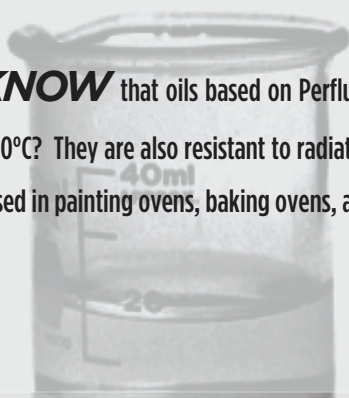
\*Available in 18 liter and 208 liter drums

\*\*Available in 4 liter and 20 liter pails

\*\*\*Available in 1 kg bottles only

Special grades available upon request

***DID YOU KNOW*** that oils based on Perfluoropolyether (PFPE) are colorless, odorless, inert, fire-resistant, and may be used for temperatures up to 300°C? They are also resistant to radiation, acids, alkaline solutions and moisture. Invented by DuPont, PFPE as a chain oil, has been effectively used in painting ovens, baking ovens, as well as reflow ovens.



**DID YOU KNOW** that PFPE oils and PTFE / PFPE greases do not adhere to metal surfaces such as bearings, if the surface was previously exposed to other organic greases or anti-rust oils? When changing over to PFPE oils or to PTFE / PFPE greases, it is recommended to take the following cleaning steps to ensure maximum performance.

- Wipe and clean the surfaces with white spirits, and dry with hot air, or compressed air
- Wipe and clean again with Teccem PFPE Cleaner, or other PFPE cleaner
- Apply new charge of PTFE/PFPE grease or PFPE oil

## FOOD GRADE CHAIN OILS (all NSF H1 rated and approved)

|                                | Viscosity (cSt at 40°C) | Operating Temperature (°C) | Base Oil          | Features   |
|--------------------------------|-------------------------|----------------------------|-------------------|--|
| <b>Anderol PQ AA 220*</b>      | 204.6                   | Up to 150                  | White Oil         | Multi-purpose Food grade chain oil                                       |
| <b>Anderol PQ AA 320*</b>      | 311.2                   | Up to 150                  | White Oil         |  |
| <b>Anderol 6220*</b>           | 232.7                   | Up to 250                  | PAO               | High and low temperature applications, low carbonization and evaporation |
| <b>Anderol 6320*</b>           | 339.8                   | Up to 250                  | PAO               |  |
| <b>Syntech Food HTCL 220**</b> | 220                     | -20 to 300                 | Biodegradable oil | No carbon formation, low evaporation rates                               |

\*Available in 18 liter pails and 208 liter drums

\*\*Available in 20 liter and 205 drums only

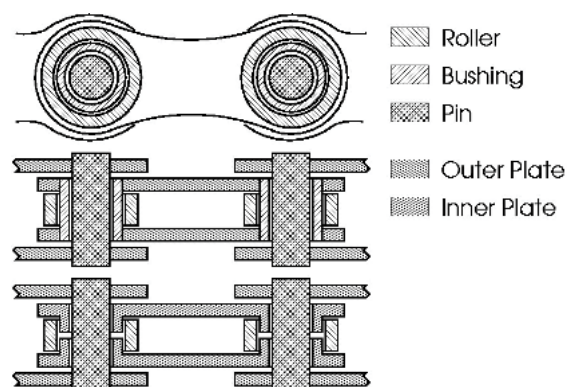
**DID YOU KNOW** that compared to Mineral Oils and PAO's, Esters are known to run clean and resist oxidation and carbonization at elevated temperatures?



Esters exposed to 200°C



Mineral oil exposed to 200°C



Chain lubrication points

**fluid**  
SOLUTIONS  
*Everything Runs Smoothly*

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Fax Nos.: (02) 696-7121 or (049) 541-0447  
Email: fluidsolutions@rocfsl.com.ph  
Website: www.fluidsolutions.com.ph

### Also Available:

#### SPECIALTY LUBRICANTS AND GREASES

High and Low Temperature Greases  
Chain and Wire Rope Lubricants  
Open Gear Greases  
Synthetic Gear, Compressor,  
Hydraulics Oils  
Fire Resistant Hydraulic Fluids

#### METALWORKING FLUIDS

Die Casting, Forging, Stamping  
Release Agents  
Rust Preventives and VCI's  
Cutting Oils and Coolants, Anti Rust

#### AUTOMATIC LUBRICATORS

#### OIL SKIMMERS