

SYF 1800-M Chain Oil

Synthetic High Temperature Chain Lubricant with MoSo₂-Active

Product Description

SYF-1800 is a high temperature lubricant which has been specially formulated with synthetic base stocks having unusually high temperature lubricating capability. Careful selection of additives result in a fluid which resists high temperature decomposition and prevents the formation of sludge or carbon normally produced by petroleum based products. This results in longer equipment life, less maintenance, better efficiency, while costly downtime is significantly reduced.

Applications

SYF-1800 is excellent for tenter frame ovens, ceramics production, bakery ovens and glass production. It is equally recommended for paint curing ovens, paper manufacturing, and plywood production and can also be used as a bearing lubricant in high temperature environments.

Benefit:

- Excellent high temperature oxidation resistance.
- Superior thermal stability for prolonged lubricant life.
- Extremely low volatility/less lubricant consumption.
- Outstanding anti-wear properties/reduced chain drag.
- Contains Mo-x Active for active performance

Typical Properties

| Properties: | TYPICAL VALUE | | | | TEST METHOD |
|--|---------------|------------|------------|------------|------------------|
| GRADE | 180 | 220 | 320 | 460 | |
| Viscosity Cst @100 ° C | 19.6 | 23.3 | 29.6 | 48 | ASTMD-445 |
| Viscosity Cst @ 40 ° C | 180 | 220 | 320 | 460 | ASTMD-445 |
| Pour Point (° C) | -28 | -10 | -10 | -10 | ASTM D-97 |
| Flash Point (° C) | >290 | >290 | >290 | >290 | ASTM D-92 |
| Specific Gravity, 60/60° F (15.6/15.6 ° C) | 0.95 | 0.95 | 0.95 | 0.95 | ASTM D-1298 |

Thermal Stability of SYF-1800 V/S a Competitive Synthetic Chain Lubricant

| | Competitive Chain Lubricants | SYF 1800 |
|--|------------------------------|----------|
| Viscosity Increase, 210° F. (98.9° C), % | +6.40 | +2.59 |
| Wt. Loss% | -4.67 | -0.98 |
| Test samples maintained at 300 ° C. (140 ° C.) for 48 hrs. | | |

Thermo gravimetric Evaluation of SYF-1800 V/S Competitive Synthetic Chain Oil

| | Competitive Chain Lubricant | SYF 1800 |
|--|-----------------------------|-----------|
| Temperature, °C (°F) @ | | |
| 10% sample weight loss | 280 (536) | 320 (608) |
| 50% sample weight loss | 325 (617) | 365 (689) |
| 90% sample weight loss | 345 (653) | 385 (725) |
| Test Sample temperature were increased at a rate of 10°C (50°F)/min. in a nitrogen atmosphere. | | |

Available Packs: 500 ml spray 5, 20, 50, 210 Ltr.

Shelf Life: 60 Months from manufacturing month.

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly. The Material Safety Data Sheet (MSDS) are available upon request through our sales office. * All related specifications are meets or exceeds.

PETRELPLUS INC.

Level-13, R-Tech Park, Nirlon Knowledge Park,
Off Western Express Highway Goregaon (e), Mumbai-400064
marketing@petrelplus.com
www.petrelplus.com