SYF-1840 SYNTHETIC PAG CHAIN LUBRICANT

NON-TOXIC PAINT-FRIENDLY, HIGH TEMPERATURE CHAIN OIL

Product Description

SYF-1840 is a high temperature lubricant which has been specifically formulated with synthetic PAG base stocks having unusually high temperature lubricating capability. Careful selection of additives results in a fluid which resists high temperature decomposition and prevents that formation of sludge or carbon normally produced by petroleum base products. This results in longer equipment life, less maintenance, better efficiency, while costly down-time is significantly reduced. The lubrication of conveyor chains operating at high temperatures in the stoving sector frequently causes painting problems if the chain oil contaminates the paint or the components.

Re-treatment of the damaged components can be expensive unless these problems have been eliminated. By the use of paint-friendly, high temperature chain oil, these problems can be avoided or, at least, reduced. Because of the variety of the different paint and stoving systems and the testing parameters for a paint-friendly, high temperature chain oil, it has been necessary for every operator to test the paint compatibility himself before the oil is put into operation. Well-known car manufacturers have already checked the fully synthetic, high temperature chain oil, for its compatibility with paint, its high temperature properties and wear protection and have released it for their own use.

Applications

SYF-1840 is excellent for paint curing ovens, ceramics production and glass production. It
is equally recommended for tenter frame ovens, paper manufacturing plywood production and can also be used as a bearing lubricant in high temperature environments.

Benefits

- 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.

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Typical Properties

SYF-1840	TEST METHOD	120	150	220	320	460
ISO VG GRADE		120	150	220	320	460
Viscosity cSt @ 40°C @ 100°C	ASTM D445	110 17.9	133 21	236 37	322 52	458 67
Relative Density 20/20°C	ASTM D1298	1	1	1.02	1.02	1.01
Viscosity Index	ASTM D2270	180	184	210	217	223
Flash Point °C	ASTM D92	260	260	260	270	286
Pour Point °C	ASTM D97	-30	-30	-36	-35	-33
Corrosion-Rust prevention	ASTM D665A	Pass	Pass	Pass	Pass	Pass

Available Packs: 1, 5, 18 and 180 Kg

Shelf Life: 36 Months from manufacturing month.

All related specifications are meets or exceeds.

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.

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Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product **SYF-1840**

Supplier **PETRELPLUS INC.**

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Call # +91 22 6216 7072
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2. COMPOSITION

No harmful substances. Composition of Synthetic base oils and performance-based additives.

3. HAZARDS INDENTIFICATION

FIRE	-Flammable at high temperature.
HEALTH	
Eye contact	-May cause mild irritation to the eyes upon direct contact.
Skin contact	-Prolonged contact may defat the skin or can cause dermatitis.
Inhalation	-hazards.
Ingestion	-Harmful if swallowed.

4. FIRST-AID MEASURES

Inhalation	-Remove person to fresh air. Seek medical help if discomfort persists.
Ingestion	-Do not induce vomiting. Seek medical support.
Skin Contact	-Immediately flush skin with plenty of water for at least 15 minutes.
Eye Contact	-Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally.

5. FIRE-FIGHTING METHODS

Extinguishing media	-Use dry chemical powder or carbon di – oxide or foam.
Special protective equipment	-Positive pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURE

Personal protection	- Adequate ventilation, gloves, goggles, overalls and boots.
Environmental precautions	- Avoid entry into water courses.
Clean up method	- Absorb on inert material.

7. STORAGE AND HANDLING

Handling	- Impervious gloves & eye protection ensure good ventilation. Keep away from source of ignition.
Storage	- Store in a cool & dry place.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Respiratory protection	- Not required under normal conditions.
Skin/hand protection	- Impervious gloves, overalls, and boots.
Eye protection	- Use Goggles

9. TYPICAL PROPERTIES

Kinematic Viscosity @ 40^{0}C	- 120 to 460
Flash Point, ^{0}C	- 260 to 286
Viscosity Index	- 180 to 223
Corrosion-Rust Test	- Pass

10. STABILITY AND REACTIVITY

Stability	- Stable
Conditions to avoid	- Excessive temperatures
Materials to avoid	- Strong oxidizers
Hazardous decomposition products	- Oxides of carbon and nitrogen

11. TOXICOLOGICAL INFORMATION

Skin contact	- Possible irritation
Eye contact	- Possible irritation
Inhalation	- Not applicable
Ingestion	- Irritation. May cause lung damage.
Long term effect	- Not known

12. ECOLOGICAL INFORMATION

Mobility	- Mobile
Degradation	- Low
Accumulation	-Not expected
Short- & Long-Term effect	- Water pollutant

13. DISPOSAL CONSIDERATIONS

Dispose off according to local and national regulations.

14. TRANSPORT INFOMRATION

CPL	- Not applicable
IMO	-Not applicable

15. REGULATORY INFORMATION

Symbol(s)	-Not applicable
Phrase(s)	- Not applicable
Phrase(s)	- Not applicable

16. OTHER INFORMATION: PRODUCT SAFETY

For safety reasons, it is IMPERATIVE that customer: -Ensure that all those within their control who use the products are supplied with all relevant information contained within the Material Safety Data Sheet and Technical Bulletin concerning the applications for which the product is designed and any instructions or warning.