

# SYG-2755 PTFE TEFLON GREASE

## Product Description

SYG-2755 PTFE TEFLON GREASE is specially formulated for use on most mechanisms: sliding guides, chains, open gears, plain bearing, used in industry and in particular in the plastic to plastic, Plastic to rubber. The structure of these greases is also suitable for working in the presence of water, High Temperature and load. Soft, white, extreme pressure grease based on synthetic base oil with PTFE (Teflon) is extreme high temperature grease for long term lubrication in critical high temperature applications.

## Applications

- Crusher screen bearings
- Palliating press bearings
- Roller bearings
- Plain bearings
- Rolling stock
- Cables and capstans
- Open gears
- Slide ways
- Oven fan bearings
- Finishers, hot-mix asphalt stations
- Electrical retarders
- Screen bearings
- Printer grease
- Plastic gear lubricants
- Plastic gear grease
- Laser printer grease
- Computer bearing grease
- Laser printer grease
- Color printer grease
- Inkjet printer grease
- Robotic grease
- Robotic Lubricants

## Benefits

- Very high thermal stability.
- Excellent mechanical stability.
- Strong resistance to shock loads and high pressure.
- Naturally resistant to impacts and heavy loads.
- Very high dropping point.
- Anti-corrosion protection even in salty environments.
- A wide range of temperatures of use.
- Mechanical stability under severe rolling (roller bearings) => Sealing maintained => reduced consumption.
- Resistance to impacts and vibrations => avoids breakage => reduction of maintenance costs.
- Exceptional protection in the presence of water => extended lifetime of mechanical elements.
- Silicon Oil 100% free.

## Typical Properties

SYG-2755	
Base Oi	Synthetic
Color	White
Structure	Soft
Temperature range	-35 to 250°C
Density 20°C DIN 51757	9.63
Drop point	250
Worked penetration DIN ISO 2137 at 25°C, 0.1 mm	270
Consistency DIN 51818 NLGI Grade	2
Viscosity cSt DIN 51562 @40°C	140
Viscosity cSt DIN 51562 @100°C	16
Four ball tester welding load, DIN 51350 pt. 4N	> 8000
Speed Factor for deep groove ball bearings (n x dm) m x min-1	Approx 250,000

\* 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.

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product** SYG-2755 PTFE TEFLON GREASE  
**Supplier** PETRELPLUS INC.

One World Center, Tower One, 9<sup>th</sup> Floor, Senapati Bapat Marg, Lower Parel, Mumbai-400013, Maharashtra.  
 Call # +91 22 6216 7072  
 (Monday to Friday)  
 Cell # +91 93522 25457  
[marketing@petrelplus.com](mailto:marketing@petrelplus.com)  
[www.petrelplus.com](http://www.petrelplus.com)

**2. COMPOSITION**

No harmful substances. Composition of high performance base oil, PTFE and proprietary additives.

**3. HAZARDS IDENTIFICATION**

**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**

Color - white  
 PTFE - Present  
 Drop point - 250  
 Temperature range, °C - (-35 to 250)

**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 INFORMATION**

- 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.