



*The First in Synthetics*®

## AMSOIL Semi-Fluid 00 Synthetic EP Grease

*Formulated to Lubricate and Protect  
Agricultural and Commercial Equipment*

### Product Description

AMSOIL Semi-Fluid 00 Synthetic EP Grease (GSF) is formulated with high viscosity ISO-460 synthetic base oils and a sophisticated additive package, providing an unparalleled protection system that reduces wear and helps prevent damage. Its advanced extreme-pressure additives provide superior protection and performance in shock loading applications which can rupture the oil film of conventional greases and lead to damaging metal-to-metal contact. AMSOIL Semi-Fluid Grease resists water and provides superior protection against corrosion and oxidation, which can eat away and destroy critical components and lead to equipment failure.

### Performance Features

- **Excellent low and high-temperature performance**
- **Oxidatively stable**
- **Great low-temperature pumpability**
- **Extended service life**
- **Outstanding rust and corrosion protection**
- **Reduced wear under shock load conditions**
- **Low coefficient of friction for reduced energy consumption**

### Application Recommendations

AMSOIL Semi-Fluid 00 Synthetic EP Grease is a problem-solving lubricant ideal for leaky gearboxes in industrial and fleet applications and for use in applications that are difficult to service. It is primarily used in grease-filled cases where conventional semi-fluid greases do not provide adequate lubricant life or protection. AMSOIL Semi-Fluid Grease is the primary grease recommendation for truck wheel hubs as outlined in RP 631, issued by The Maintenance Council of the American Trucking Association.



AMSOIL Semi-Fluid 00 Synthetic EP Grease is recommended in the following agricultural applications:

- **Rotary mower gear boxes**
- **Cotton picker spindles**
- **Cotton and corn picker heads**
- **Combine header gearboxes**
- **Steering gears**
- **Auger gear boxes**

AMSOIL Semi-Fluid 00 Synthetic EP Grease is recommended in the following commercial applications:

- **Truck wheel hubs**
- **Truck trailer bearings**
- **Steering axles**
- **Centralized lubrication systems, particularly at low ambient temperatures**
- **Commercial lawn mower gear boxes**
- **Steering gears, track rollers, crushers and vibrating screens**
- **Enclosed gear boxes where oil leakage is a problem**
- **Clarifier gear drives**
- **Conveyor drive gear boxes**
- **Underground mine pressure gear systems**
- **Mixer and reactor gear drives**
- **Kiln car wheel bearings**
- **Pneumatic tools**
- **Mobile drilling equipment**
- **Paper folding machinery**
- **Escalator slide rails**
- **Industrial bottle washers**



## **TYPICAL TECHNICAL PROPERTIES**

### **AMSOIL Semi-Fluid 00 Synthetic EP Grease (GSF)**

NLGI Grade	00
Penetration (ASTM D-217) Worked 60 Strokes	420
Thickener	Lithium Complex
Dropping Point (ASTM D-2265) °C [°F]	248 [480]
Base Oil	ISO-460
Base Oil Viscosity at 40°C in cSt	460
Base Oil Viscosity at 100°C in cSt	38
Rust Prevention (ASTM D-1743)	PASS
Timken OK Load (ASTM D-2509)	50
Four-Ball EP Weld Load KG	200
Color	Red
Structure	Smooth
Typical Service Range °C [°F]	-29 [-20] to 190 [375]

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### **Health Handling & Safety**

AMSOIL Semi-Fluid 00 Synthetic EP Grease produces no adverse effects to personal health when properly handled and used based on toxicology information. No special handling requirements are necessary beyond good personal hygiene, including, but not limited to, washing skin contact areas with soap and water and cleaning oil-soaked clothing. Additional health and safety information is available from this product's Material Safety Data Sheet (MSDS). An MSDS is available online at [www.amsoil.com](http://www.amsoil.com), or by calling (715) 392-7101.

### **AMSOIL Product Availability**

AMSOIL Semi-Fluid 00 Synthetic EP Grease (GSF) is available in 35-lb. pails and 120-lb. kegs; 400-lb. drums are available by special order.

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AMSOIL products and Dealership information are available from your local AMSOIL Dealer.

