



The First in Synthetics®

**Formulated to Lubricate and Protect
Agricultural and Commercial Equipment**

PRODUCT DESCRIPTION

AMSOIL SPY GREASE is a lithium complex semifluid grease (NLGI 00) formulated with high-viscosity ISO-460 synthetic base oils. Coupled with a sophisticated additive package, AMSOIL SPY GREASE coats and reacts to metal surfaces, providing an unparalleled protection system that reduces wear and prevents damage. 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 SPY 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 SPY GREASE is a problem-solving lubricant ideal for leaky gear boxes 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 semifluid greases do not provide adequate lubricant life or protection. AMSOIL SPY 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 SPY GREASE

SYNTHETIC LITHIUM COMPLEX 00 EP GREASE



AMSOIL SPY GREASE is recommended in the following agricultural applications:

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

AMSOIL SPY 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 Synthetic Lithium Complex 00 EP SPY GREASE (GSF)

NLGI GRADE	00
Penetration (ASTM D-217) Worked 60 Strokes	400-430
Thickener	Lithium Complex
Dropping Point (ASTM D-2265) °C [°F]	246 [475]
Pour Point °C [°F]	-37 [-35]
Base Oil	ISO-460 PAO
Viscosity at 40°C in cSt	414-506
Viscosity at 100°C in cSt	28-35
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 177 [350]

HEALTH HANDLING & SAFETY

AMSOIL SPY 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, which may be obtained from your servicing AMSOIL Dealer or from AMSOIL INC.

AMSOIL PRODUCT AVAILABILITY

AMSOIL Synthetic Lithium Complex 00 SPY GREASE (GSF) is available in 35-lb. pails and 120-lb. kegs. Four hundred pound drums are available by special order.

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

