



The First in Synthetics®

Synthetic Fifth Wheel and Open Gear Compound

NLGI #1 (aerosol)

PRODUCT DESCRIPTION

AMSOIL Synthetic Fifth Wheel and Open Gear Compound (GFW) is based on proprietary technology resulting in a lubricant that does not use asphaltic materials, residual compounded oils or diluent solvents as part of the lubricant formulation.* Typical gear compounds are composed of asphaltic and residual oils cut with solvent to ease application and use. Synthetic GFW does not require solvents to assist the product in application and use, even in cold weather.

Wide Operating Temperature Range

AMSOIL GFW performs well in cold temperatures and won't drip off at high temperatures, reducing the need for frequent relubrication.

Adhesion to Metal

AMSOIL GFW provides excellent adhesion to metal surfaces in cold and hot temperatures. Tackiness allows it to stay in place in high-speed applications, even when applied to open gears or chains. Spray formulation offers quick and easy application.

Water Washout Resistant

AMSOIL GFW repels water, protects metal parts from rust corrosion and stays in place to protect gears from wear.

Handles Heavy Loads

AMSOIL GFW provides a tough grease film to handle heavy loads and prevent metal parts from contacting.



Performance Features

- *Wide operating temperature range*
- *Excellent adhesion to metal surfaces*
- *Forms a tacky, tenacious film*
- *Won't sling off or drip*
- *Excellent resistance to water washout*
- *Protects ferrous surfaces from rust*
- *Heavy load-carrying and extreme-pressure performance*
- *Environmentally preferable to solvent-containing formulations*

Applications

AMSOIL GFW may be applied to fifth wheels, open gears, wire ropes, chains, flexible couplings, sliding surfaces of drag lines and shovels, construction equipment, dredging equipment or any application where a heavy-duty water resistant lubricant is required.

* Aerosol spray contains a solvent that evaporates quickly leaving a solvent-free film of material on treated surfaces.



TYPICAL TECHNICAL PROPERTIES

Synthetic Fifth Wheel and Open Gear Compound (GFW)

NLGI Grade	#1
AGMA Grade	14R
Penetration, unworked	315 - 325
Thickener type	silica
Water Washout ASTM D-1264 (79°C/175°F, % loss)	<5
Rust Test ASTM D-1743	pass
Oil Viscosity	
212°F, sus	2700 - 3100
100°C, cSt	579 - 665
Dropping Point, °F	non-melting
Color	white
Texture	adhesive/tacky
Odor	bland

Performance Data

AMSOIL Synthetic Fifth Wheel and Open Gear Compound meets the AGMA 14R and NLGI #1 performance specifications.

Installation

AMSOIL Synthetic Fifth Wheel and Open Gear Compound is fully compatible with other fifth wheel and open gear compounds and may be applied to surfaces previously treated with other fifth wheel and open gear compounds.

Product Availability

AMSOIL Synthetic Fifth Wheel and Open Gear Compound is available in 11.5 oz. aerosol spray cans.

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

