



# AF-GC

## Benefits

- Easily applied, even at low temperatures
- Available in convenient caulking gun type cartridges
- Extremely tacky – prevents throw-off
- High film strength – prevents shock load damage
- Resists water wash-off

**AF-GC** is an advanced open gear and cable lubricant that uses very high viscosity oil and a non-melting inorganic thickener, along with Molybdenum Disulphide for added extreme pressure (EP) protection.

**AF-GC** has excellent adhesion even under shock load conditions, resists oxidation, water wash-off and acid attack. It is ideal for use with open gears, such as ball mills, and cables in all temperatures. It also makes an excellent fifth wheel grease for trucks.

**AF-GC** is available in a full range of package sizes, from tubes to drums. The keg and drum sizes of this product also contain a safe, non-toxic solvent to help application since these container sizes are commonly used in centralized automatic lubrication systems. The solvent is non-chlorinated and has a high flash point. The product itself does not use any lead-based compounds. Ball mill operators using this product have reported quieter running, less grease consumption and cleaner gear teeth. The product ensures maximum protection for gear teeth against pitting and wear, even in the most severe conditions.

NOTE: This product used to be called 'Open Gear and Cable' and 'Syntho Open Gear'.



## Typical Performance Results

NLGI GRADE	1	3	00
NAME	AF-GC (WINTER)	AF-GC (SUMMER)	AF-GC
AVAILABLE SIZES	17 kg	17 kg	55 kg, 180 kg for centralized application systems
COLOUR	BLACK	BLACK	BLACK
DROPPING POINT (D-2265) (C°)	NONE	NONE	N/A
BASE OIL VISCOSITY cSt @ 100°C	756-864	756-864	756-864
EFFECTIVE VISCOSITY (including solvent) cSt @ 40°C	N/A	N/A	3864-4536
TIMKEN LOAD (D-2509) (KG)	25.0	25.0	25.0
4-BALL WEAR (D-2266) 20 kg, 1 hr, 1800 rpm @ 54°C WEAR SCAR DIAM. (mm)	0.33	0.28	0.46
4-BALL EP (D-2596) WELD POINT (kg)	500	500	500
OPERATING RANGE (C°)	15/260	20/260	10/260
MINIMUM DISPENSING TEMP (C°)	500	500	500

N/A = Not applicable

