

Open Gear & Wire Compound Transparant

Bardahl Open Gear & Wire Compound has been specially developed for lubricating gears, cables, and chains in the open air and underwater. This product provides additional protection against wear, rust, and corrosion, even under the most severe conditions of use.

The composition of this grease is tailored to the particular requirements that can be set for the lubrication and surface protection of cables (steel wire cables), chains, and open gears. This grease forms a protective thin, durable, resilient, dry, and extremely tough layer shortly after application.

The Bardahl components incorporated in the grease first form an adsorbed molecular layer on metal surfaces, on top of which a mechanical film forms, and both layers protect and lubricate.

The problem

Open gears are pre-eminently parts exposed to unfavorable conditions such as contamination of sand, dust, mud, and other abrasive materials. Steel wire ropes and chains are often exposed to corrosive conditions, abrasive action, and temperatures of up to 220°C. Under these exceptional circumstances, rust occurs quickly, with a lot of wear and tear. This causes significant delay and, of course, high repair and replacement costs.- 15°C

The processing

Bardahl Open Gear & Wire Compound contains Bardahl's famous "polar attraction" formula and a unique mixture of bituminous ingredients, which provide a protective lubricating film. The Bardahl formula comprises a scientifically formulated blend of polar organic substances and high-pressure components. This mixture adheres to metal surfaces and forms a thin, tough, lubricating layer, resisting high pressures, cold, and heat. This film displaces deposits and protects metal surfaces from new contamination, rust, and corrosion.

Bardahl Open Gear & Wire Compound is a lubricant with a creeping effect, which provides a resilient layer that cannot be washed away or thrown off. This very dense product has exceptional adhesive strength.

On open gears, it provides a durable adhesive layer, which protects against dust and sand, corrosion, and wear.

Bardahl Open Gear & Wire Compound is ideal for protecting parts such as turning dishes, couplings, cable clamps, open bolts and nuts, jacks, crane cables, transport cables, switches, and other devices that operate in exceptional weather conditions.

Manual

It is recommended that **Bardahl Open Gear & Wire Compound** apply this compound to a clean or nearly clean surface. It is sufficient to remove the old grease from the parts to be treated and degreased with **Bardahl Multi Parts cleaner (artnr 78106)**.

Apply **Bardahl Open Gear & Wire Compound** layer by layer; this allows the newly applied coating to remove solvents and minimizes the chance of dripping. After using it, a drying period of 24 hours (e.g., a weekend) must be observed. After that, the processed surface is provided with a completely even, almost dry layer.

Applications

- Lubrication and protection of cables, open gears of cranes, draglines, shovels, etc.
- Lubrication of agricultural and earthmoving machinery and car pivot points such as pedals, doors, engine and trunk lid, and braking systems.
- Lubrication and preservation of steel cables, as well as cable feed-throughs.
- Lubrication and protection of open gears, chains, cables, and roller bearings underwater or in the vicinity of dust, grit, and mud.
- Protection of roller bearings against corrosion and all surfaces operating in an acidic atmosphere, such as open gears in paper mills, cement factories, etc.
- Protection of parts of dredging mills and lock ga are constantly submerged in water (including saltwater).
- Prevention of rusting of bolts and nuts, if lubricated for installation, such as car exhaust suspensions, spring slings, bumpers, and other fasteners that will not be demonstrated for a long time under unfavorable conditions. Of course, these applications also apply to industry and shipping.

General applications in the following sectors

- Transport
- Glass industry
- Road construction
- Paper factories
- Mining
- Agriculture
- Navigation
- Fairground attractions
- Fishery
- Amusement parks
- Packaging industry

Properties summarized

- Good adhesion
- Good creeping effect
- Prevents rapid wear and tear
- Good protection against rust and corrosion
- Exceptional lubrication under varying loads
- Does not react with most chemical products
- Does not dry out and remains elastic

Analysis data

Test			Results
Class - Lubricant	Method	Unit	Open Gear & Wire Compound Transparant
Dichtheid bij 20°C	ASTM D 1298	kg/m ³	950
Viscositeit bij 100°C	ASTM D 445	mm ² /s	956
Valemount	ASTM D 92	°C	200
Colour	VISUAL		Transparent
Consistency			Viscous/sticky

It does not react with most chemical products.

Main differences between OGW (72204) and OGW Transparent (72215)

Characteristics	OGW	OGW Transparent
Color	Black	Transparent
Fragrant	Yes	Barely
Dries up	Yes	no, it remains greasy and sticky
Protects	Yes, primarily	Yes, although the primary is the lubrication
Lubricates	no	yes, strong adhesion perfect co-and adhesion
Content	400 ml	500 ml

Applications

- **Main application OGW**
Open gearboxes and cables (for example, go into those (sea) water), especially for slowly rotating parts
- **Main application OGW Transparent**
Open gearboxes and cables. Especially where a clean/beautiful appearance is essential, and grease should not be visible.

Article number 72215
Contents 500 ml