



Open Gear & Wire Compound

Bardahl Open Gear & Wire Compound is specially formulated for use on exposed gears, wire ropes and chain/sprocket drives. This product is designed to provide extra protection against wear, rust and corrosion, even under severe operating conditions.

The problem

Open gear mechanisms are typically subject to adverse conditions including high service loads, exposure to the elements, and contamination from dirt and other abrasive materials. Wire ropes and chains are often exposed to corrosive conditions, and are subjected to abrasion and temperature extremes. Rapid corrosion and wear under these severe conditions, can cause excessive down time and high replacement costs.

The action

OGW contains a unique blend of petroleum compounds to provide a protective lubricating film. The "polar-organic compounds and extreme pressure agents, which are attracted to metal surfaces to create a tough, lubricating molecular layer that withstands high pressure and heat. This film removes deposits and protects metal surfaces from further deposit formation, rust and corrosion.

Bardahl Open Gear & Wire Compound is a penetrating lubricant for cables and wire ropes which provides a resilient coating that won't be thrown off or washed out. On open gears, it provides a durable adhesive coating which protects against contamination, corrosion, and wear due to high pressure and heat. **Bardahl OGW Compounds** are ideal for protecting equipment such as turn buckles, shackles, cable clamps, exposed bolts, levers and switches against adverse environmental conditions.

Applications

- Protection of cables, open cog wheels of taps, dragline excavators, excavators etc.
- Protection of agriculture - and ground resistance machines, as well as articulation points of cars such as pedals, car doors, brake systems etc.
- Protection and conserving of steel cables, as well as cable transits.
- Protection of open cog wheels, collars, cables, role-lower which itself under water and if in the immediacy of are substance, coal dust and mud
- Protection of rolling mill-lower against corrosion and of all surfaces, which work in an acid atmosphere such as open cog wheels in paper factories, cement factories etc.
- Protection of components of mud mills and lock doors which are continuously immersed in water (also water salts).
- Occur of rust of crap and wreck, if lubricated for assembly, like e.g. at car expresses frameworks, feather straps, bumpers - and other affirmatives which will not be demonstrated under not favourable circumstances for a long time. These applications are of course also applied in the industry and shipping.



Product information

Properties summarised

1. Excellent attachment
2. Prevents fast wear
3. Exceptional protection against rust and corrosion
4. Does not react with most of chemical the products
5. Does dry out

Analytical-data

	Method	Result
Viscosity at 20°C, mm ² /s	ASTMD 445	1600
Viscosity at 40°C, mm ² /s	ASTMD 445	1000
Density at 20°C kg/m ³	ASTMD 1298	930
Flashpoint °C	ASTMD 92	27

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

	OGW	OGW Transparent
Colour	Black	Transparent
Smell	yes	nearly
Dries out	yes	no, stays wet and sticks to the parts
Protects	yes, primair	ja but primair property is lubrication
Lubrication	no	yes, strong attaching, perfect co/ adhesive
Inhoud	400 ml	500 ml

Article number	72204
Contents	400 ml