



Winch Gear Grease GGW-1/2

High performance specialty industrial grease

Product Data Sheet

Product description

Winch Gear Grease GGW-1/2 is a high performance Alassca-complex thickened specialty industrial grease designed to offer heavy duty equipment protection in high temperature, high shock load conditions in winch gears and other heavy duty industrial gearbox applications.

Winch Gear Grease GGW-1/2 is designed with a mineral oil base, an Alassca-complex thickener and oxidation and corrosion inhibitor systems. This high performance formulation does not require extreme pressure or anti-wear additives as this high level protection is an integral part of its soap structure.

Customer benefits

- High performance film strength offers seizure and wear protection under high load operation, helping reduce downtime
- Integral extreme pressure and wear protection performance contributes to sustained equipment uptime
- Tough adhesive characteristics and high temperature dropping point promote stay-in-place performance and equipment protection
- Water wash-out protection with rust and corrosion resistance helps maintain bearing protection during severe water exposure
- Good pumpability - offers ease of application from centralised lubrication systems

Applications

- Winch gearboxes in construction and mining equipment
- Mine shuttle car gear units
- Underground mine locomotive gearboxes
- Underground mine loader gearboxes
- Soot blower gearboxes
- Other enclosed gearboxes in construction, mining, quarrying, and industrial equipment

Product highlights:

- High performance film strength
- Integral extreme pressure and wear protection
- Tough adhesive performance
- Rust and corrosion protection
- Good pumpability
- Selected specification standards include:
 - DIN 51 502
 - ISO 6743-09

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Approvals and performance

Performance

	DIN 51 502	ISO 6743-09	OPERATING TEMPERATURE
Winch Gear Grease GGW-1/2	KPOG1N-20	ISO-L-XBCIB1.5	-20°C up to 140°C, max. +150°C

Typical test data

WINCH GEAR GREASE GGW-1/2		
TEST	TEST METHODS	RESULTS
NLGI Grade		1.5
Product Code		547839
Appearance	Visual	Green
Texture	-	Smooth
Thickener type	-	Alaussca Complex
Dropping Point, °C	ISO 2176	>260
Base Oil type	-	Mineral
Base oil viscosity at 40°C, mm ² /s	DIN 51 562	500
Base oil viscosity at 100°C, mm ² /s	DIN 51 562	34
Penetration worked, 0.1 mm	ISO 2137	290-320
Four Ball weld Load, N	DIN 51 350/4	7500

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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