TUFGEAR Spray

Heavy-duty open gear lubricant, in aerosol, for demanding applications

Product Overview

ROCOL® TUFGEAR Spray is a heavy duty open gear spray containing a blend of high load carrying solids designed for the effective lubrication and protection of gears used in extreme environments.

TUFGEAR Spray is a highly water resistant, long life grease in an aerosol for the lubrication of all types and sizes of open gears.

Also available in grease form – see ROCOL TUFGEAR Universal.

Features and Benefits

- ROCOL TUFGEAR Spray has a wide temperature range -10°C to +100°C.
- TUFGEAR Spray is a non-melting grease containing a blend of high load carrying solids.
- Combination of high load carrying solids boosts the heavy duty performance particularly in highly loaded applications.
- TUFGEAR Spray demonstrates outstanding EP performance with a weld load of 800 kg.
- TUFGEAR Spray has excellent corrosion resistance to protect in humid, damp and even wet conditions.
- It is highly tenacious to ensure the lubricant adheres to the gear teeth and doesn't fling off.
- TUFGEAR Spray maintains integrity in extreme conditions and continues to protect over extended lubrication intervals, reducing equipment failure, downtime and lubricant usage.
- Thin film minimises attraction of dust and dirt.

Directions for Storage and Use

- It is important to clean the gears prior to application. ROCOL Industrial Cleaner Rapid Dry is recommended.
- Shake aerosol well before use.
- Apply from a distance of 15-30 cm (6-12 inches).
- Hold upright and apply a thin even coating to cover the gear teeth.
- Also available as ROCOL TUFGEAR Universal for grease application.
- Use only in well ventilated areas.
- The storage temperature should be kept below +50°C, and the storage area should be out of direct sunlight.
- Shelf life is 5 years from date of manufacture.

Typical Applications

- TUFGEAR Spray is designed for open gears, girth gears, rack and pinions etc. which are found in all types of industrial applications.
- TUFGEAR Spray has been developed to use on all types and sizes of open gears in aggressive environments, including strong underwater currents.
- TUFGEAR Spray is TUFGEAR Universal in an aerosol therefore it can be used for large gears operating under high loads in extreme conditions.

Pack Sizes

Pack Size	Part Code
400ml	18105

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Technical Data

Performance you can trust

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Property	Test Method	Result
Appearance	Visual	Black almost dry film
NLGI No.	IP 50 – ASTM D217	2
Base Type	N/A	Blend of high viscosity mineral oils
Base Fluid Viscosity at 40°C	IP 71	>1000cSt
Thickener	N/A	Organically modified clay
Solids	N/A	Blend of high load carrying solids
Solvent	N/A	Hydrocarbon
Propellant	N/A	LPG (Hydrocarbon)
Temperature Range	N/A	-10°C to +100°C
4-Ball Weld Load	IP 239 – ASTM D2596	800kg
4-Ball Mean Hertz Load	IP 239 – ASTM D2596	120kg
Timken 'OK' Load	IP 326 – ASTM D2509	35 lbs
Mild Steel Corrosion Test 24 hrs at 100°C	N/A	No stain
Copper Corrosion Test	IP 112 – ASTM D130	1a

Values quoted above are typical and do not constitute a specification.

Safety Data Sheets

Safety data sheets are available for download from our website www.rocol.com or may be obtained from your usual ROCOL contact.

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