

Performance you can trust

Tufgear Universal

Heavy-duty open gear lubricant for demanding applications.

Developed to deal with the loads found in the largest gears and to withstand the aggressive environments within which they operate, including gears that are exposed to strong underwater currents.

Features

- Temperature range -40°C to 120°C
- Outstanding EP performance (800kg weld load)
- Good adhesion to the gear teeth - no fling off
- Excellent water resistance
- Excellent corrosion protection
- Greatly extended lubrication intervals

Directions for Use

- Apply manually directly to the gear teeth
- Use a stiff brush or the 400g cartridge in a suitable applicator
- Minimum temperature for application is 0°C

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ROCOL A division of **ITW** Ltd



BS EN ISO 9001
Certificate No. FM 12448



BS EN ISO 14001
Certificate No. EMS 67596



OHSAS 18001
Certificate No. OHS 78173



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Tufgear Universal

Appearance	Smooth, black, adhesive grease
NLGI No. (IP 50)(ASTM D217)	NLGI No. 2
Base type	Blend of high viscosity mineral oils
Base fluid viscosity at 40°C	>1000 cSt
Thickener	Organically modified clay
Solids	Blend of high load carrying solids
Drop point (IP 132)	Non-melting
Temperature range	-40°C to 120°C
Shell 4 ball (IP 239)(ASTM D2596)	
Weld load	800 kg
Mean hertz load	120 kg
Timken OK Load (IP326)	35lbs (minimum)
Copper corrosion test (IP 112) 24 hours at 100°C	No stain
Mild Steel Corrosion Test 24hrs at 100°C	No stain
Shear Stability - Roll Stability Test Change in Worked Penetration (25°C) (ASTM D-1831)	+20
Storage	Storage temperature should be controlled to between 1 and 40°C.
Pack sizes	400g – p/c 18302
	5kg – p/c 18305
	18kg – p/c 18304

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