

GREASE OG-10

HIGH PERFORMANCE HIGH TEMPERATURE OPEN GEAR LUBRICANT

Description:

A semi-fluid grease based on solvent-refined mineral hydrocarbons thickened with aluminium soaps and incorporating solid lubricants, polymers, extreme pressure additives and a blend of anti-oxidants and corrosion inhibitors, to combine highly effective lubrication with good corrosion inhibition.

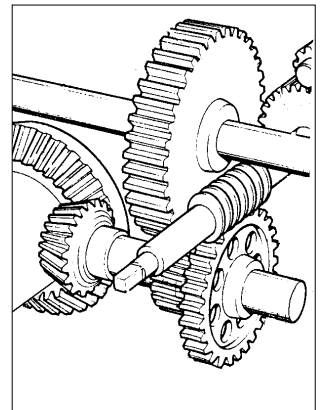
Application:

GREASE OG-10 has been specially developed for the **lubrication of all types of open gears**, including spur, helical, worm and bevel gears, **that are subjected to extreme loads at high working temperatures**. These conditions are found in machinery such as kilns and ball mills used in continuous process industries.

GREASE OG-10 has been formulated to enable it to be applied economically by automatic spray systems. However it can also be applied manually if necessary.

Typical physical properties:

Form:	Fluid, adhesive grease.
Colour:	Black.
Base oil:	Solvent refined mineral oil.
Thickener:	Aluminium soap.
Solid lubricant phase:	Micronised graphite.
NLGI classification:	0-00.
Working temperature range:	-30° to +250° C.
Worked penetration (IP50):	385.
Dropping point (ASTM D2265):	120°C.
Timken OK load (IP326):	45 lbs.
Weld load (4 ball test):	700 kg.
FZG (IP334 Mod):	Passes 12 stages.



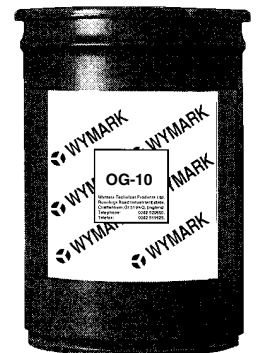
Packings available:

Kegs of 50 kg.
Drums of 180 kg.

Notes on the maintenance of open gears:

The main cause of wear in gears is friction brought about by the generation of heavy mechanical loads on the faces of the intermeshing gear teeth, coupled with the corrosive effects of adverse environments. If premature failure is to be avoided, it is essential to maintain a constant film of effective lubricant between the teeth.

GREASE OG-10 meets these requirements very efficiently, and its use enables the working lives of open gears operating at high temperatures to be increased substantially.



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The information provided has been carefully compiled in good faith, on the basis of experience with standard production materials produced under rigorous quality control. However, the performance figures are provided for guidance only and are not intended to constitute a guaranteed specification.