



OPUS LUBRICANTS PRODUCT DATA

OPEN GEAR GREASE 2.5

Description

An aluminium complex soap thickened grease based on solvent refined hydrocarbon oil incorporating solid lubricants, polymers, extreme pressure additives, and a blend of antioxidants and corrosion inhibitors, combining to provide highly effective lubrication with excellent corrosion protection. This lubricant is bitumen free.

OPUS OPEN GEAR GREASE 2.5 has been specially developed for the lubrication of all types and sizes of open gears, including spur, helical and bevel drive gears that are subjected to extreme loads, high working temperatures and water saturated conditions.

Benefits

- Easy to apply in all weathers.
- De-waters and can be applied to wet surfaces.
- Totally water repellent.
- Adhesive additives ensure self repairing film of lubricant providing maximum protection of work surfaces.
- Withstands pressures up to 7,000kg/cm² (100,000 psi) which reduces wear.
- Lasting thin, almost dry lubricating film does not collect dust and dirt.
- Thin film does not drip or fling off and therefore maintains a clean surrounding work area.

Application

Clean the gears of previous lubricant with a suitable solvent, this will ensure good bonding of the solid lubricants in OPUS OPEN GEAR GREASE 2.5. This open gear lubricant is designed to provide economic application by brush or spatula. It is not necessary for the gears to be treated to be dry of water the dewatering characteristics of OPUS OPEN GEAR GREASE 2.5 enable it to be applied to wet surfaces. Due to the product's high solids content, it is ideal for both running-in and service lubrication.



Typical Data

Properties	Specification	Results
Appearance	-	Adhesive Grease
Colour	-	Black
NLGI classification	-	2.5
Thickener	-	Aluminium Complex
Base oil	-	Blend Refined mineral oil
Worked penetration	IP50	240-270
Dropping point (°C)	IP132	>240
Oil separation (%)	IP121	N/a
Copper corrosion	IP112	Pass
Resistance to corrosion Emcor (a)	IP 220	0:0
Water washout @ 39°C %	ASTM D1264	N/a
Four Ball Weld Load (kgs)	IP 239	700
Operating temperature range	-	-30°C to 140°C
Solids %	-	13

Revision Date: August 2017

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