



Industrial
Lubricants



Automotive
Lubricants



Biodegradable
Lubricants



Agricultural
Lubricants



Cleaning &
Maintenance



Greases &
Pastes



Foodsafe
Lubricants



Heritage Oils



Lubrication
Equipment



Metalworking
Fluids



Penstral GX 109

Sprayable Heavy Duty Adhesive Open Gear Grease
Product Code: ASD

PENSTRAL GX 109 has been specially developed for the lubrication of all types of open gears, including spur, helical, worm and bevel drive gears, as well as for steel tyres and supporting rollers, that are subjected to extreme loads at high working temperatures. These conditions are found in machinery such as kilns and ball mills used in the continuous process industries. This lubricant is bitumen and solvent free.

COST SAVING BENEFITS

1. Easy to apply with standard spray equipment suitable for pumping and spraying fluid greases
2. Lasting thin, almost dry film which does not collect dust and dirt
3. Thin film does not drip and therefore maintains contamination free surrounding area
4. Adhesive additive ensures maximum protection of work surfaces and provides long lubricating film life
5. Totally water repellent
6. Dewaterers and can be applied to wet surfaces

METHOD OF APPLICATION

PENNINE PENSTRAL GX109 is formulated to enable economic application by automatic spray systems (pressure 60 psi). However, it can also be applied manually by brush if necessary. It is not necessary for equipment to be treated to be dry of water, the dewatering characteristics of PENSTRAL GX109 enables it to be applied to wet surfaces.

TYPICAL PHYSICAL PROPERTIES

Appearance	-	Black semi fluid adhesive grease
NLGI Classification	-	0
Base oil type	-	Solvent refined mineral oil
Viscosity @ 40°C	-	500 cSt..
Thickener	-	Aluminium complex soap
Micronised graphite content	-	10%
Timken OK load (IP326)	-	20 kg. (45 lb.)
Four ball welding load (IP239)	-	700 kg.
FZG failure load stage (mod. IP334)	-	> 12
Operating temperature range	-	-30°C to +180°C (+200°C intermittent)

Storage

Barrels of lubricant should always be stored in such a way that will prevent the ingress of water when stored in the open.

Health & Safety

Please refer to the relevant Health and Safety Data Sheet, a copy of which is freely available to all our customers.

Data represented is typical of that obtained with normal production tolerances and does not constitute a specification. The policy of Pennine Lubricants is one of continual improvement, we therefore reserve the right to change specifications without notice.



Certificate Number: 9480
ISO 9001



Pennine Lubricants Limited Company reg no. 3510091



32 Atlas Way,
Sheffield, S4 7QQ

T. 0114 285 2987
E. info@penninelubricants.co.uk
W. www.penninelubricants.co.uk