
Product Name: Graphite Filled Skydrol Resistant Dry Film Lubricant

Product Number: IP9136-R1

Product Description: Spray applied, stoving cured, silicon resin modified dry film lubricant for use where high operating temperatures preclude the use of conventional oils and greases.

Suitable for application to steel, aluminium, magnesium and titanium alloys.

Used on, for example spherical bearing surfaces to protect against fretting corrosion and on bolts for torque and gives an exceptionally good rubbing wear resistance.

When used on bolts, it increases torque end loads. It is also used on turbine blade roots and fir trees where it reduces the likelihood of the disc splitting.

Approvals/Specifications:

- Turbomeca Spec LB 541
- MSRR9276, CPW 27, AMS 3132 (Graphite filled), RR Code 110565, OMAT 4/44C
- CoMat #10 – 002, NSN 9150-99-500-0559, Kawasaki – JMSRR 9276, Honeywell Phoenix Arizona PCS 5022, GEC Marconi 1608/0038/001, SNECMA spec P1064, JAEC JCR – 024, MTU – MTS 1173

Alternative to the following:

- PL239 (3862X9010) AFS473, which was originally PL239; Superseded PL 94 in about 1984
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Performance:

Resistant to dry heat up to 400°C (750°F) in oxidizing atmospheres and 500°C (930°F) where oxygen is excluded, ester lubricants, Skydrol and corrosion.

Tri-n-Butyl-Phosphate: 3 hours @ 70°C

Dry Heat: 1000 hours at 400°C

Components:

Single Part Product. May be thinned for application using either IP985-Reducer or IP9151 Thinner.

IP985-REDUCER is preferred. IP9151 is still approved for use but is no longer a preferred solvent as it triggers risk phrase R40. Other solvents may be suitable in certain circumstances

Application:

Surface Preparation:

Ensure that surfaces are clean and free from dirt

Paint Preparation:

Stir well before use. All separated material must be re-incorporated into the bulk product. No time limits are specified for the mixing operation. The operator must be satisfied that the product including any thinning solvent is thoroughly mixed before use. Where mechanical mixing is employed care must be taken to not heat the product to above the maximum storage temperature. Mixing in open containers should be limited to <10 minute periods to ensure that solvent evaporation does not compromise the product. Shaking or rolling in closed containers is an acceptable mixing method for small volume products supplied ready for use.

Application Method:

Spray a light coat and allow to dry for 10 minutes, stove for 2 hours at 190°C (375°F). Where spraying is not possible small areas may be coated by brush.

Refer to RPS 661 / 10 for additional details.

Drying Curing:

Air Dry:

10 minutes then stove for 2 hours at 190°C (375°F)

Technical Properties:

Supply Viscosity: Ready for use

Flash Point: 27°C

VOC Content: N / A

Colour: Grey

Pack Size: 1 & 5 Litres

Density:	1.05 kg / litre
Gloss:	N / A
Thinner:	IP985-REDUCER is preferred. IP9151 is still approved for use but is no longer a preferred solvent as it triggers risk phrase R40. Other solvents may be suitable in certain circumstances.
Solvent/Clean Up:	40006 Gun Cleaner
Catalyst:	Ready for use
Theoretical Coverage:	10.5 sq m/litre @ 25 micron

Storage:

Highly flammable liquid: store and use in accordance with the flammable liquid regulations

Shelf Life: 12 months temperate; 6 months tropical

Before use, refer to Product Safety Data Sheet

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Safety Data Sheets:

For Safety Data Sheets please contact our Sales Department:

Tel: +44(0)121 702 2485

Email: sales@indestructible.co.uk
