
Product Name:

Molybdenum Disulphide Dry Film Lubricant

Product Number:

PL237-R2

Product Description:

High temperature resistant Molybdenum disulphide loaded dry film lubricant coating.

Approvals/Specifications:

- MSRR 9274
 - RPS661/9
 - Rolls Royce Code: 110566
 - OMat 4/43
 - Kawasaki JMSRR 9276
 - NSN: 91-5099-430-9538
 - MTU spec MTS-1013A-02
 - KHI-JMSRR9274
 - Cobham Mission Systems (Flight Re-Fueling) DS16.71_3
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Performance:

- Resistant to dry heat to 300°C (570°F)
 - Resistant to Skydrol, Ester lubricants and corrosive engine by products
 - Designed for operating conditions up to 300°C (570°F)
 - For use where high wear and pitting occurs and as a protection against fretting, where short service life occurs due to chemical attack, corrosion or high temperature or where lubrication internals are often too short.
 - Developed at Rolls Royce request to comply with regulations for the environment specified in their collaboration to meet specifications for JSF that makes certain solvents used in the R1 version unusable.
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- Often used as an alternative to MolyKote 3400A

Components:

Single Pack Product. May be thinned for application using IP 9151 or 665-550-025.

665-550-025 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, oil and grease

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:

Degrease components, spray one thin coat (8-13 microns), air dry for 10 minutes and stove for one hour at 190°C (375°F)

Drying Curing:

Air dry for 10 minutes then stove for 1 hour at 190°C (375°F)

Technical Properties:

Supply Viscosity:	28-38 seconds ISO 4 Cup
Flash Point:	27°C
VOC Content:	690gram / Litre
Colour:	Grey
Pack Size:	1 Litre
Density:	1.22kg/l

Gloss:	Semi-Matt
Thinner:	Supplied R.F.U. - IP9151 or 665-550-025. 665-550-025 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:	IP9151 or 665-550-025
Catalyst:	N/A
Theoretical Coverage:	9 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:

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