

IPAS 09

PL237-R2 MoS₂ – Dry Film Lubricant

General Information

Molybdenum Disulphide dry film lubricant designed for operating at up to 300°C (570°F). For use where high wear and pitting occur and as a protection against fretting. Often used as an alternative to Molykote 3400A.

New R2 grade formulated on HAPS friendly solvents for use on Components for JSF.

Specifications: MSRR 9274: OMat 4/43; MTS 1013A-02; JMSRR 9274

Surface Preparation

Ensure surfaces to be coated are thoroughly clean and dirt free. Degrease and grit blast using 120/220 aluminium oxide grit as specified.

Refer to instructions in specific process work cards.

Product Preparation, Application, Drying & Curing

Thoroughly stir the PL237-R2 to a homogenous liquid

Spray apply at supplied viscosity. If necessary the product can be thinned with IP985-Reducer. Can be applied through conventional, HVLP, or latest compliant spray guns.

Apply in thin coats; allow 10 minutes air drying between coats before applying further coats to achieve required thickness.

Typical thickness: 8-30 microns (normally achieved in 1-2 coats)

After application of final coat, allow to air dry for minimum 10 minutes, then cure for 1 hour minimum at 190±5°C (375±7°F)