GRAPHITE FILLED SKYDROL RESISTANT DRY FILM LUBRICANT

IP CODE 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 frettage corrosion and on bolts for torque. Gives exceptionally good rubbing wear resistance.
When used on bolts, it increases torque end load. It is also used on turbine blade roots and fir trees
where it reduces the likelihood of the disc splitting.

APPROVALS / REFERENCES / SPECS

MSRR9276; CPW 27; AMS 3132 (Graphite filled); RR Code 110565; OMAT 4/44C
CoMat #10 – 002 NSN 9150-99-500-0559 - Kawasaki – JMSRR 9276
GEC Marconi 1608/0038/001; SNECMA spec P1064; JAEC JCR –024 MTU – MTS 1173
It is alternative to the following:
PL239 (3862X9010) AFS473, which was originally PL239 ; Superceded PL 94 in about 1984

PERFORMANCE

Resistant to dry heat up to 400ºC (750ºF) in oxidising atmospheres and 500ºC (930ºF) where oxygen is
excluded, ester lubricants, Skydrol and corrosion. Contains approximately 27% graphite in the dry film.

APPLICATION

Spray a light coat and allow to air dry for 10 minutes, stove for 2 hours at 190ºC (375ºF). Where spraying
is not possible small areas may be coated by brush. Ask for RPS 661/10.

PHYSICAL PROPERTIES

Mixing Ratio One Part Product
Thinner IP9151
Supply Viscosity Ready for use
Colour Grey
Gloss Level N/A
Film Thickness 7.5 - 12.5 microns
Flash Point / Class / UN No 41ºC / 3 / Paint UN1263
Pack Size 1 and 5 litre UN approved cans
Shelf Life 12 months