

Technical Report

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K-CORR[®] G-1107 Performance in Liquid Lubricants

Although **K-CORR G-1107** was designed specifically for grease applications, this *ashless* rust inhibitor system also imparts excellent performance properties to liquid lubricants.

The following table demonstrates that **K-CORR G-1107** imparts excellent steel and copper corrosion protection and excellent FZG and Four Ball Wear performance to ISO VG 46 Group I and II oils.

Tests	0.25% K-CORR G-1107	0.25% K-CORR G-1107
Base Oil	ISO VG 46 (Group I)	ISO VG 46 (Group II)
Steel Corrosion (ASTM D 665 B, DIN 51 585) 24 hours	Pass	Pass
Copper Corrosion (ASTM D 130, DIN 51 759) 3 hours, 100°C / 135 °C	1a / 1b	1a / 1b
FZG A/8.3/90 (DIN 51 354 Part 2) Damage Load Stage	>12	>12
Four Ball Wear (ASTM D 4172) 1 hour, 75°C, 1200 rpm, 30 / 40 kgf (mm)	0.37 / 0.41	0.36 / 0.40

The results shown reflect data generated by King Industries' Technical Service Laboratory. Actual results may vary depending on the base oil and test equipment design.

For Samples or Technical Service, contact King Industries or your King representative.

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K-CORR[®] G-1107

Performance in Liquid Lubricants

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