

Technical Report

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NA-LUBE[®] EP-5665 Ashless Multifunctional Additive Performance in Grease

NA-LUBE EP-5665 is an ashless, multifunctional additive with excellent extreme pressure, antiwear and antioxidant properties. It is recommended for use in greases where heavy load carrying capability is required. Applications include steel mills, mining and construction equipment.

BASE GREASE	Lithium 12-Hydroxystearate			Lithium Complex
	1.0	2.0	3.0	3.0
% NA-LUBE EP-5665				
Four Ball Weld (ASTM D 2596) 1800 rpm, 25°C, 10 seconds OK Load / Weld Load (kgf)	315 / 400	500 / 620	620 / 800	620 / 800
Four Ball Wear (ASTM D 2266) Scar Diameter (mm) 1200rpm, 75°C, 40 kgf, 1 hour	0.78	0.70	0.64	0.62
Timken (ASTM D 2509) OK Load (lb)	--	< 30	40	50
Copper Corrosion (ASTM D 4048) 3 hours @ 100°C	1b	1b	1b	1b
Oxidation Stability (ASTM D 942) Pressure drop, 100 hours (psi) Pressure drop, 500 hours (psi)	-- --	4 15	3 9	3 10

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

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

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