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Typical Friction Co-Efficients of Bolt Lubricants

KLINGER EXPERT®

LUBRICANT	C.o.F (μ)
API BUl 5A2	0.12
Anti seize	0.09
Beldamite ASC	0.13
Berutex FH-34	0.16
Berutex FH-35	0.16
Biral BASC	0.11
Castrol Nucleol S202	0.08
Chesterton Nickel Anti Seize (paste)	0.14
Copaslip	0.12
Coppercrest	0.14
Copper Ease	0.14
Coppergrease	0.11
Copperslip	0.09
CP Ironsides Q221285	0.12
DAG 156	0.15
DAG 580 (Dry Lubricant)	0.16
Easyrun 100	0.08
Fel-Pro C-102	0.16
Fordec Copper Anti seize	0.15
Gleitmo 165	0.1
HP anti seize	0.15
Maxol LFCP 5006	0.2
Molykote Cu-7439	0.15
Molykote G-Rapid	0.08
Molykote HSC	0.11
Molykote P37 paste	0.12
Molykote Q5-7405	0.04
Molykote Ti 1200	0.12
Molykote 1000	0.11

LUBRICANT	C.o.F (μ)
Molykote 7443	0.13
Never seez Std grade(NS160)	0.18
Never seez Spl grade(NS165)	0.18
Nickeleez	0.12
OKS 235	0.11
OKS 240	0.12
OKS 250	0.08
Omega 99	0.13
Omega 99N	0.09
Omega 95	0.12
PBC	0.13
PBC/D Lead Free	0.12
Rocol ASP	0.1
Rocol J166	0.15
Rocol 797	0.16
Spherol Castrol	0.13
Swanlube	0.12
Thread Eze	0.18
Triflow	0.1
Walkers Anti seize No 203	0.15
WCF Anti seize	0.15
503	0.06
504	0.09
505	0.1
506	0.11
507	0.1
516	0.18
785 - Parting lub	0.17

The lower the C.o.F. value, the greater the amount of energy transferred into stretching the bolt and not “wasted” in overcoming the friction of the bolt threads.