

Method for manufacturing lapping paste for metal friction surfaces involves mixing chromium oxide, silica gel, hydrolyzed fat, oleic acid, sodium bicarbonate, stearin, and kerosene, wherein additionally, glycerin, triethanolamine, boric acid, colloidal graphite, silicon carbide, molybdenum disulfide, nonionic surfactant, antioxidant, and 40-50% aqueous solution of sodium nitrite are added, with the following composition, wt. %:

chromium oxide	33.000-35.625
silica gel	0.792-0.855
hydrolyzed fat	4.400-4.750
oleic acid	1.880-1.950
sodium bicarbonate	0.088-0.095
stearin	3.960-4.275
40-50% aqueous solution of sodium nitrite	5.000-12.000
glycerin	1.230-2.105
triethanolamine	0.545-1.024
boric acid	0.218-0.563
colloidal graphite	0.567-1.524
silicon carbide	0.970-1.330
molybdenum disulfide	0.480-0.520
nonionic surfactant	0.160-0.240
antioxidant	0.048-0.052
kerosene	the rest ($\approx$ 35-45 %).