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Another trans. is available from LC or SLA at \$3.30,  
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DESCRIPTIONS: \*Greases, Calcium compounds, Viscosity, Creep, Elasticity, Plasticity, Stresses

A method is described and results are given of a study of the elasto-plastic properties of solidols. The properties considered included: the character of the elastic deformations under constant and variable loads; the conditions of determination of the shear modulus of greases; creep phenomena and elastic after-effect, softening and hardening under stress, elastic hysteresis. (Materials--Lubricants, TT, v. 11, no. 4) (over)

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no. 5, p. 43-49. (Abstract available)

DESCRIPTORS: \*Lubricants, Greases Synthesis  
(Chemistry), Hydrocarbons, Fluorocarbons, Silicones,  
Esters, Chemical properties, Chemical bonds,  
Viscosity, Lubrication,

A review of the chemical constitution and properties of  
highly fluorinated hydrocarbons, polysiloxanes, and  
di-esters in connection with their use as lubricants and  
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DESCRIPTORS: Oils, \*Fluorocarbons, Greases,  
Fluorination, Chemical properties, Polymers, Poly-  
merization plastics, \*Lubricants.

(Materials-Lubricants, TT, v. 11, no. 4)

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DESCRIPTORS: \*Number theory, \*Fourier analysis, Series, Numerical analysis, Polynomials, Functions.

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