

**97-0040**

The invention relates to the lubricants materials applied for the lubrication of different friction units working at -40...130o C in the different machinery, instrument engineering and aviation branches.

The summary of the invention consists in the fact that in the plastical grease containing as dispersion medium the vegetable oil, lithium soap of 12-oxistearic acid, V.I. improver, oxidation inhibitor, the vegetable oil of the rape seeds is used at the following components relation (mass %):

rape seeds oil	80,3...84,3	
lithium soap of		
12-oxistearic acid		11...15 V.I. improver
Polyisobutylene P-20	3,7 ...4,1	
oxidation inhibitor		
Naphtam-2	0,6 ...1,0.	

The technical result of the invention consists in the improvement of the rheological, antiwearing and antiscoring properties of the plastical grease that is provided by presence of the rape seeds in its composition which possesses a high griping load ( $P_{gr} = 790$  N), welding load ( $P_w = 2000$  N) and high score index ( $I_s = 43,5$ ).

Claims: 1