

GREASES FOR HEAVY-LOADED OPEN AND CLOSED GEARS



MC 1400 OGW, MC 1410 OGS & MC 1420 OGH



Electric shovels



Draglines



Mills

Series of greases is designed for large heavy-loaded open and closed gears, sliding and rolling guides, plain bearings, pivots and joints of heavy mining machinery.

May be used in automatic centralized lubrication systems (ACLS). Greases are approved by Lincoln Company (SKF), the largest ACLS manufacturer & IZ-Kartex the largest manufacturer of electric mining shovels in Russia.

Typical scope of application includes: single-bucket excavators (draglines or power shovels), tothing and drives of crushing/milling, kilning and agglomerative equipment, rail lubrication systems.

- Designed to meet the requirements of specifications P&H No. 520 "Multi-service Mining Lubricant" and Bucyrus SD 4713 OGL.
- High resistance to atmospheric precipitation and high adhesion (stickiness) to metal surfaces in the operating temperature range due to the high-tech polymers included in the composition.
- Greases do not contain solvents that can significantly reduce the life of the lubrication system.

PROPERTIES	MC 1400 OGW	MC 1410 OGS	MC 1420 OGH
Color & appearance	dark grey / black, homogeneous mass		
Temperature range application in ACLS, °C	-45...+10	-20...+30	0...+60
NLGI consistency grade	0	0	1
Base oil type	semi-synthetic	mineral	
Base oil kinematic viscosity at 40 °C, cSt	1000	2000	4000
Penetration at 25 °C, 1/10 mm	355-385		310-340
Dropping point °C, not less than	130	150	190
Base oil flash point COC, °C, not less than	130	180	
Accelerated metal corrosion test	passes		
Weld point, kgf, not less than	600		
Scar diameter (392 N, 1 hour) not more than, mm	0.70		
Residual pressure in Lincoln Ventmeter, psig, at lowest recommended temperature for ACLS	not more than 500		
Lubricating solids particle size in mkm, max	10		