

Prerov 22<sup>nd</sup> October 2015

LLK- International  
Industrial OEM Dept. Manager  
Mr. Stepan Kirillov

**Re: LUKOIL lubricants use in ALTA equipment**

Dear Mr. Kirillov,

This letter is the official approval of LUKOIL lubricants, which meet the requirements for ALTA mining equipment: crushers, screens, conveyors , etc.

- a) Lubricants for cone crushers  
For the application in cone crushers gear oil is used in the viscosity classes VG100 and VG150. The use of LUKOIL STEELO 100 (for winter) or LUKOIL STEELO 150 (for summer) is permitted.  
There are appropriate approvals.
- b) Hydraulic oils for cone, jaw and rotary crushers  
For the application in cone, jaw and rotary crushers hydraulic oil is used in the viscosity class VG46.  
The use of LUKOIL GEYSER ST 46 and LUKOIL GEYSER ZF 46 is permitted.  
There are appropriate approvals.
- c) Grease for cone, jaw and rotary crushers and vibratory screens  
For the application in cone, jaw and rotary crushers and vibratory screens grease is used in the appropriate indexes EP 2-160.  
The use of LUKOIL Polyflex EP2-160 is permitted.  
There are appropriate approvals.
- d) Lubricants for gearboxes in conveyors and other equipment  
For the application in the gearboxes of conveyors and other equipment synthetic gear oil is used in the viscosity class VG220.  
The use of LUKOIL STEELO Premium 220 is permitted.  
There are appropriate approvals.
- e) Lubricants for bearings in screens VTK 200x500/4, 200x600/2, 200x600/4 and 200x700/2  
For the application in the bearings of screens gear oil is used in the viscosity class VG68.  
The use of LUKOIL STEELO 68 is permitted.  
There are appropriate approvals.

ALTA, a.s.

Ing. Jiri Janik  
Chief of Commercial Dept.