

MINING IN

Hydraulic systems and central lubrication systems on ECS systems (excavator-conveyor-spreader) such as hydraulic systems for lifting and lowering of bucket wheel boom, reloading boom, belt tightening, cabin raising, on caterpillar control systems and on central greasing systems of lower and upper structure and conveyor belts, as well as on circulation systems for lubrication of caterpillar drive gear box, represent one of the permanent activities of *PPT Engineering* in the field of mining, primarily on open pits.

In addition to designing of new hydraulic and lubrication systems, *PPT Engineering* regularly performs servicing and modernization of these systems on open pits and landfills of thermal power plants.

Major mechanical projects of hydraulic systems and systems for central greasing of bucket wheel excavators SRs 400, SRs 1,300, SRs 2,000 were performed on open pits of

- PK Šikulje and Dubrava Tuzla, Bosnia and Herzegovina
- PK Dobro selo, Obilić, Kosovo and Metohia, PK Kostolac
- REK Bitola, Macedonia.



Mining basin Kolubara

Electro-hydraulic systems and central lubrication systems on excavator SRs 1300

INDUSTRY



Mining basin Kolubara, Kolubara metal, Serbia

Buyer: *Elektroprivreda Srbije*, Serbia
Commissioning: 2008
Central greasing systems

Excavator SRs 1200

*Electro-hydraulic systems for gear
box circular oiling*



Open pit *Kostolac*, Kostolac, Serbia

Buyer: *Elektroprivreda Srbije*, Serbia

Commissioning: 2000

Electro-hydraulic systems on excavator-conveyor-spreader machines and excavator central lubrication systems, as well as gear box greasing systems

Excavator SRs 1300



TPP *Pljevlja*, Montenegro

Buyer: *Elektroprivreda Crne Gore*,
Montenegro
Commissioning: 1987
2015
Overhauling of electro-hydraulic systems and
mining machinery lubrication systems

Combined machine PKM



Open surface mines *Shikulje,* Dubrave, Bosnia and Herzegovina



Electro-hydraulic system and excavator SRs 401 central lubrication system

Buyer: *Takraft*, East Germany
Commissioning: 1985–1986
Electro-hydraulic systems on
excavator-conveyor-spreader machines and
excavator central lubrication systems



Reloading boom cylinder