



## Wear parts questionnaire\*

Company name: \_\_\_\_\_

Contact person: \_\_\_\_\_

Phone number: \_\_\_\_\_

E-mail: \_\_\_\_\_

Date: \_\_\_\_\_

### 1. General information

Place of crusher installation  
(Company, site, equipment tag number(s))

Purpose  
(crushing stage, pebble crushing, raw materials processing)

### 2. Current status

Equipment model,  
equipment launch date

Annual running time of the equipment, mtp.  
Seasonal operations

Average usage  
of wear parts over a year, mtp

Currently installed  
crusher wear parts, names

Producer reference number (catalog number),  
drawing number, etc.

Unit material  
(alloy, presence of inserts)

### 3. Characteristics of the material

Material name

Feed size, mm

Presence of fine fraction in feed material (yes/no)

0-50    50-100    100-150    150-250    250-350    350-400    >400

Abrasivity, Mohs



0-100

Dolomite limestone, feldspar,  
gypsum, limestone



100-600

Diabase-porphry, dolomite,  
hematite, limestone, serpentinite,  
zinc-copper ore



600-1200

Amphibolite, apatite-nepheline ore,  
copper ore, concrete, diabase, iron  
ore, gold ore, granite, lead-zinc ore,  
peridotite, porphyrite



1200-1700

Diorite, gabbro, gabbro-diabase,  
gneiss, gneiss-granite, granite,  
iron ore, magnesite, nickel ore,  
porphyrite, river pebbles, sandstone



1700-5000

Albitophyre, basalt, copper slag,  
iron ore, porphyrite, quartzite

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### Strength

<input type="checkbox"/> <b>I - 20</b> The strongest, densest and most viscous quartzites and basalts. Other exceptionally strong rocks.	<input type="checkbox"/> <b>II - 15</b> Very strong granite rocks: quartz porphyry, very strong granite, siliceous shale, less strong quartzites. The strongest sandstones and limestones	<input type="checkbox"/> <b>III - 10</b> Dense granite and granite rocks. Very strong sandstones and limestones. Quartz ore. A strong conglomerate. Very strong iron ores	<input type="checkbox"/> <b>IIIa - 8</b> Strong limestone. Weak granite. Strong sandstones. Strong marble, dolomite. Pyrites. Ordinary Sandstone	<input type="checkbox"/> <b>IV - 6</b> Iron ore. Sandy shales
<input type="checkbox"/> <b>IV - 5</b> Sandy shales	<input type="checkbox"/> <b>V - 4</b> Strong clay shale. Weak clay shale and limestone, soft conglomerate. Dense marl	<input type="checkbox"/> <b>VI - 2</b> Soft shale, very soft limestone, chalk, rock salt, gypsum. Frozen ground, anthracite. Common marl. Destroyed Sandstone, cemented pebbles, stony ground	<input type="checkbox"/> <b>VIa - 1,5</b> Strong hard coal	<input type="checkbox"/> <b>VII - 1</b> Clay (dense). Soft coal, strong silt-clay soil

### Capacity, mtp/h

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<100	100-200	200-400	400-600	600-1000	>1000

### CSS, mm

### Product size, mm

## 4. Required characteristics and tasks

Reduction of purchasing price

The increase in running life

The improvement of the finished product

Price reduction for a single ton of material

## 5. Additional information\*

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