



**Highlights**

- Highly tailor-made select any diamond type, grit size and concentration
- Excellent adherence to cutting wire
- User-friendly stabilized formulation for high process reproducibility
- High cutting rate
- Water-free, anti-corrosive formulation
- Environmentally friendly and easy to clean

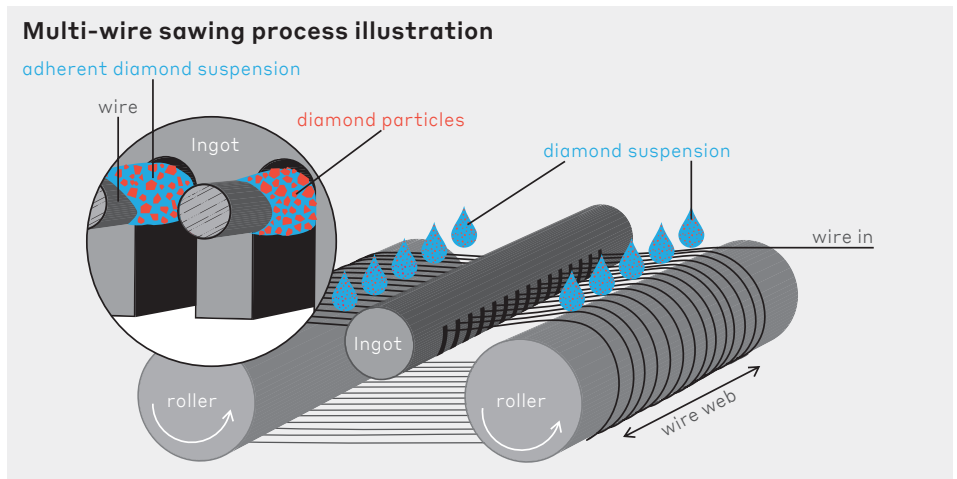
Glycol-based diamond suspension

**WSG**

The glycol-based ready-to-use diamond suspension WSG was developed for high performance multi-wire saw applications. Proprietary additives promote the adhesion of the suspension to the wire and wire web which increases the cutting rate. The stabilized formulation reduces the precipitation of the diamond particles and increases process consistency.

Good lubricating properties help to reduce wire wear. The water-soluble suspension is easy to clean and thus improves serviceability as well as reduces changeover time. Its water-free, anti-corrosive formulation ensures long service life and excellent machine compatibility.

Suspension type	Viscosity	Stability	pH value
WSG-52	90 cP	stabilized	5.8
WSG-56	60 cP	partially stabilized	8.3





Suspensions are available in customer-tailored formulations in a wide range of viscosities, diamond types, grit sizes and concentrations. We are happy to assist you finding the best suitable products.



Pureon offers a wide range of customized solutions. Get in touch with us.

**Product specifications**

Carrier liquid ..... glycol  
 Density ..... 1.05 g/cm<sup>3</sup>  
 Typical diamond types / sizes ..... MONO-ECO 3 – 6 micron, 4 – 8 micron, 6 – 12 micron  
 Typical diamond concentration ..... 250 cts/l, 500 cts/l  
 Typical application ..... multi-wire saw cutting

**Order information**

Order code ..... WSG-56/500 MONO-ECO 4 – 8 micron  
 Packing unit ..... Bottles (1ltr, 2.5ltr), Containers (5ltr, 10ltr); If not specified, 10 liter containers are filled.  
 Units ..... Liter [ltr]

**Examples**

**Suspension type / diamond concentration**

Suspension type	Diamond concentration <sup>1</sup>		
	low 200 cts/ltr	typical 250 cts/ltr	high 500 cts/ltr
WSG-52	WSG-52/200	WSG-52/250	WSG-52/500
WSG-56	WSG-56/200	WSG-56/250	WSG-56/500

<sup>1</sup> Other diamond concentrations between 100 and 1'500 cts/ltr available.

**Diamond type / size**

Diamond grit size	MONO-ECO diamond <sup>2</sup>
2 – 4 micron	MONO-ECO 2 – 4 micron
3 – 6 micron	MONO-ECO 3 – 6 micron
4 – 8 micron	MONO-ECO 4 – 8 micron
8 – 15 micron	MONO-ECO 8 – 15 micron
10 – 20 micron	MONO-ECO 10 – 20 micron

<sup>2</sup> Other diamond types / sizes available.

**Contact**

sales@pureon.com  
 www.pureon.com

