

Mining Industry - CDP® Wearplate Liners

Wear Management Systems

High Performance Solutions for Mining Truck Box Liners

Impact and Abrasion !!!



SERVICES



- Maximum resistance to abrasion and impact in harsh mining environments
- Increased production efficiency with sustained performance over time
- Proven to outlast the operating life of hardened steel and rubber
- Optimized liner weight configuration vs traditional solutions



CastoDur® Diamond Plate (CDP®) Liners

Eutectic manufactures custom wear-resistant and impact absorption lining solutions with CDP® Wear Plates for haul trucks. CDP® liners are fabricated with easy-to-weld plates overlaid with abrasion and impact resistant alloys. They are custom designed according to specific applications to maximize wear life and reduce downtime.

PLATE	TYPE	ABRASION	EROSION	IMPACT	DESCRIPTION	G65*	HARDNESS (HRC)	TOTAL PLATE THICKNESS**				
								8mm (5/16")	10mm (3/8")	13mm (1/2")	19mm (3/4")	25mm (1")
CDP 4666	WELDED				EXTREME ABRASION RESISTANCE Complex carbides and borides. High-temperature.	17 mm ³	61-64	8mm (5/16")	10mm (3/8")	13mm (1/2")	19mm (3/4")	25mm (1")
CDP 4923	WELDED				EXTREME IMPACT RESISTANCE Titanium carbide.	24 mm ³	54-57			13mm (1/2")	19mm (3/4")	25mm (1")

* ASTM G65 average volume loss in mm³ after specimen is subjected to wear by dry sand abrasion.
** Custom thicknesses available upon request.

Primary Protection
 Secondary Protection



- Complex Chromium Carbide plate for severe wear applications.
- Significantly outperforms standard chrome carbide wear plate.
- Used for the most demanding applications where low stress abrasion is involved.
- High hardness of HRC 61-64



- Highest impact resistance welded overlay plate on the market today.
- This plate has ultra-hard and ultra-tough Titanium Carbides that can resist the combination of impact and abrasion that no other plate can handle.
- HRC 54-57

CDP® 4666 and 4923 wearplates are manufactured in 51.5" x 112" sheets that can be cut, formed or rolled to desired shapes. They can be easily bolted or welded into place.



These are some of Eutectic Castolin success stories to protect off-road trucks from the harsh conditions in the mining industry. CDP® wearplates high hardness and low attrition coefficient provided prolonged bucket service life and minimized ore accumulation.

YOUR RESOURCE FOR PROTECTION, REPAIR AND JOINING SOLUTIONS



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