

MW Wear Resistant (WR) Superalloys

Proprietary hardfacing alloys
which extend valve & seat
ring service life in high
performance engines



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The Next Level of Performance.®



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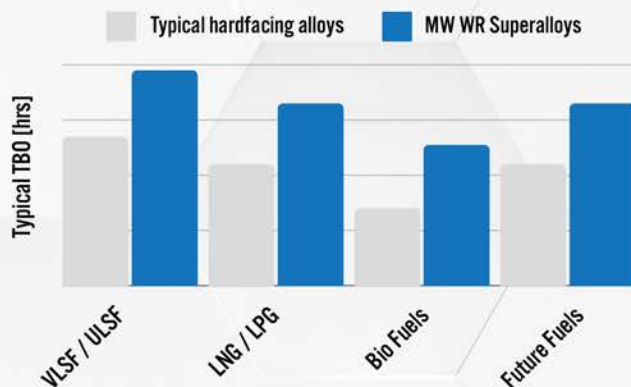
Minimize wear, lower costs

In today's world, engine builders and operators face a wide range of increasingly hard-to-meet requirements. Engines must perform at the highest levels; stressing systems and materials, while costs remain competitive to stay in business. This means minimized downtime, extended overhaul schedules and reduced fuel consumption. MWH has developed a family of proprietary Wear Resistant (WR) Superalloys to help our clients meet these challenges.

MW Wear Resistant (WR) Superalloys combat wear associated with modern engine conditions and extend engine uptime - keeping your engines running in challenging conditions.

MW WR Superalloys extend valve & seat ring service life

- through a validated materials matching process to ensure the perfect tribological match
- strict control of chemistries
- optimized robotic welding process



severe wear after only 2,000 hrs with a typical hardfacing alloy (left) vs. negligible wear measured in the same engine on a valve seat armored with a MW WR Superalloy after >10,000 hrs

MW WR Superalloy wear resistance has been proven by lab and field experience over thousands of operating hours:

	MW WR Superalloys
VLSF	✓
ULSF	✓
LNG / LPG	✓
Bio Fuels	✓
Methanol	✓
Hydrogen	✓

Your development partner

When you need an engine to perform at the edge of what is possible, or if your goals take you beyond existing performance limits; MWH is there for you with our decades of expertise - MW WR Superalloys push the limits of what you thought could be possible.



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