

LSTÜMPA – HPDC RAS 15

Synthetic Release Agent for High Pressure Die Casting

Product Description

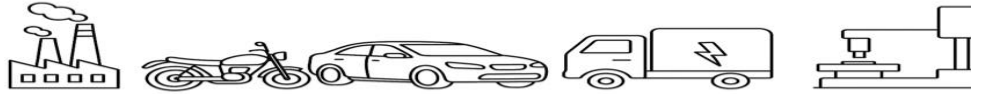
LSTÜMPA HPDC RAS 15 is a next-generation, concentrated water-based synthetic release agent designed specifically for aluminum high pressure die casting (HPDC).

Its fully synthetic formulation ensures superior release performance, excellent thermal stability, and consistent results at mould temperatures above **400°C**.

The advanced chemistry eliminates common issues such as paint adhesion failures and significantly reduces mould build-up or metal deposition, resulting in a cleaner die surface and improved casting efficiency.

Key Features & Benefits

- Fully synthetic, high-performance release agent
- Excellent release strength and clean casting surface
- Reliable performance at high temperatures (>400°C)
- Minimizes mould build-up and aluminum deposition
- Enhances paint ability and surface finishing
- Suitable for manual, robotic and automatic spray systems
- Highly economical due to concentrated formulation



Application & Dilution

Recommended Dilution: 1.2% – 1.5% in water (depending on process conditions)

The ideal dilution ratio may vary based on:

- Casting / die temperature
- Mould design and complexity
- Type of spraying system (manual, robotic, head spray)
- Cycle time and production speed

For best results, adjust dilution gradually and monitor release performance, surface finish, and mould cleanliness.

Technical Support

Lstümpa's technical team is available to assist in optimizing:

- Dilution ratios
- Spray patterns
- Application parameters
- Process efficiency and die life

Packing :

20 Ltr Bucket
210 Ltr Barrel