

Lubricants in Fender Manufacturing – Driving Quality & Efficiency

Stiff R/L RR fenders are critical for strength, safety & aesthetics in automobiles. High-performance lubricants play a key role in:

- ✓ Reducing die wear & friction
- ✓ Ensuring scratch-free surface quality
- ✓ Supporting complex deep draw forming
- ✓ Improving paint adhesion & corrosion protection
- ✓ Lowering costs & downtime

With eco-friendly, water-based formulations & automated application systems, manufacturers achieve cleaner, more efficient, and sustainable production.

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PRESS TYPE	: 500-ton BLISS mechanical press.
PART DESCRIPTION	: Stiff R/L RR Fender.
PROCESS	: 10-stage progressive die – “2-off” (R/L).
MATERIAL	: JAC270C 45/45 - 0.68 mm thickness.
IRMCO LUBRICANT USED	: IRMCO FLUIDS® 980 109@15% or EV1@20%
METHOD OF APPLICATION	: Spray application (SPRA-RITE) – applied to top of coil entering die & @ stage #6 from the top of tool/die – every stroke.
PRESS SPEED	: 19 SPM



BENEFIT
REPLACING ANOTHER SOLVENT EVAPORATIVE PRODUCT
PRICE PER PART REDUCED OF 118%
PARTS NOT WASHED AND PACKED IMMEDIATELY, COMPLETELY DRY