



**TYGRIS**

SOLUTIONS FOR THE  
**Moulding Sector**

*Reduce Downtime, Increase Efficiency*

[TYGRISINDUSTRIAL.COM](http://TYGRISINDUSTRIAL.COM)

# The Demands of Plastic Moulding

Plastic moulding is a precision-driven industry, where every stage of production, from mould preparation to final release, directly impacts output quality and efficiency. Moulds must perform consistently under high temperatures and pressures, while any contamination or surface damage can lead to costly rejects.

## Key Challenges Include:



**Consistent Release:** Complex mould shapes, varied materials, and fine detail demand release agents that perform reliably without marking or residue.



**Clean, Contaminant-Free Moulds:** Build-up of residues, burnt-on deposits, and other contaminants can reduce mould performance, affect surface finish, and slow production.



**Corrosion & Moisture Protection:** Moulds stored between runs are vulnerable to corrosion and oxidation, especially in humid or damp conditions, leading to damage and costly refurbishment.

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TYGRIS provides a dedicated range of high-performance release agents, cleaners, and protectors designed specifically for the demands of plastic moulding. From ensuring smooth release and faster cycle times to maintaining clean, corrosion-free moulds, TYGRIS products help you maintain the highest quality finish while reducing downtime and extending tool life.

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# Solutions for Mould Release

## Mould Release Medium

TYGRIS Mould Release Medium delivers consistent, reliable release across a wide range of moulded parts. The silicone formulation ensures smooth operation and helps maintain production flow.

### Benefits:

- Consistent release for a range of parts.
- Colourless, non-staining, heat-stable to 300 °C.
- Odourless and easy to use.



### PRODUCT CODE

IS5

### SIZE

400ml

## Mould Release Light

TYGRIS Mould Release Light is designed for delicate and small mouldings where marking must be avoided. Colourless, odourless, and non-marking, it offers smooth flow, lasting lubrication, and stability up to 300°C.

### Benefits:

- 8% silicone for delicate mouldings
- Colourless and non-marking
- Odourless and safe
- Lasting lubrication
- Heat stable to 300°C



### PRODUCT CODE

IS9

### SIZE

400g

## Mould Release Heavy

TYGRIS Mould Release Heavy has a high-silicone formula for challenging moulds where maximum slip is essential. Doubles as a general-purpose workplace lubricant.

### Benefits:

- Excellent release properties.
- Very high surface slip.
- Colourless, odourless, non-marking.
- Temperature-stable to 300 °C.



### PRODUCT CODE

IS10

### SIZE

400ml

## Mould Release Non-Silicone

TYGRIS Mould Release Non-Silicone is a vegetable-oil-based release agent for applications where post-mould finishing is required. Quick-drying and easy to wash away.

### Benefits:

- Non-silicone for overpainting, lacquering, printing, glueing, or welding.
- Suitable for high-gloss finishes.
- Quick-drying and non-chlorinated.
- Washes off with conventional detergents.



### PRODUCT CODE

IS13

### SIZE

400ml

## Non-Silicone Mould Release

TYGRIS Non-Silicone Mould Release is a clean, non-toxic release agent designed for mouldings that need further finishing. Provides excellent slip without silicone residue.

### Benefits:

- Non-silicone for overpainting, lacquering, printing, glueing, or welding.
- Excellent surface slip.
- Suitable for high-gloss finishes.
- Easily removed with conventional detergents.



### PRODUCT CODE

R225

### SIZE

400ml

# Solutions for Mould & Tool Cleaning

## Mould & Tool Cleaner Xtra

TYGRIS Mould & Tool Cleaner Xtra fast-acting cleaner removes grease, oil, and deposits from moulds and tooling, ensuring optimum surface condition for production.

### Benefits:

- Removes grease, oil, and surface rust.
- Fast-evaporating solvent leaves no residue.
- High-powered spray reaches difficult areas.

### PRODUCT CODE

IS25

### SIZE

400ml



## Mould & Tool Cleaner Supa

TYGRIS Mould & Tool Cleaner Supa is a tough-action cleaner for persistent deposits, with a slow evaporation rate that works even on warm moulds.

### Benefits:

- Slow evaporation for extended contact time.
- Removes difficult and burnt-on deposits.
- Effective on warm moulds where others evaporate too quickly.

### PRODUCT CODE

IS27

### SIZE

400ml





# Solutions for Mould Protection

## Clear Mould Protector

TYGRIS Clear Mould Protector, transparent protective film for moulds and tools, providing corrosion resistance during storage without obscuring the surface.

### Benefits:

- Displaces moisture from metal surfaces.
- Clear film reduces contamination risk.
- Thin film is easily removed or moulded off.
- Up to 2 years' indoor storage protection.

### PRODUCT CODE

IS60

### SIZE

400ml



## Green Mould Protector

TYGRIS Green Mould Protector provides highly visible corrosion protection with a green coating for easy inspection. Offers long-term mould and tool preservation.

### Benefits:

- Displaces moisture from metal surfaces.
- Protects against oxidation and rust.
- Ultra-fine film won't affect precision fits.
- Green colour confirms full coverage.
- Resists creeping into ejector pins.
- Moulds off quickly to reduce scrappage.

### PRODUCT CODE

IS70

### SIZE

400ml





*Responsible Performance*

## Tired of choosing between performance and planet? *You don't have to!*

Introducing ONOS, the innovative range of biodegradable lubricants from TYGRIS. Engineered to deliver uncompromising performance while reducing environmental impact.



by **TYGRIS**



# FREE TECHNICAL SITE SURVEY

## Streamline Your Operations With Free TYGRIS Technical Audits

In the agricultural industry, ensuring food safety isn't just a best practice - it's essential. Our PROTEAN range delivers cutting-edge, H1 NSF-certified food-grade lubricants and cleaners designed to protect your entire operation, from harvest to processing and beyond.



REDUCE  
DOWNTIME



WHOLELIFE  
COSTING



MAINTAIN  
QUALITY



EXPERT  
SUPPORT

## Why TYGRIS?

**Expert Eyes on Your Processes:** Our technicians dissect your cleaning, lubrication and protection procedures, identifying areas for improvement and potential snags before they bite.

**Proactive Problem-Solving:** We don't just react to breakdowns. We uncover hidden issues and recommend solutions to minimise downtime and increase efficiency.

**Performance Unlocked:** Say goodbye to lagging efficiency. Our audit helps you fine-tune your industrial applications, leading to smoother processes.

**Cost-Cutting Catalyst:** Reduce unnecessary expenditures. We help you optimise product selection, application methods, and maintenance schedules, lowering your overall operational costs.

**Proven Track Record:** 100% positive feedback from satisfied clients speaks volumes. We deliver actionable insights YOU can trust.

**Free of Charge:** No strings attached. This audit is truly an investment in your success, with zero upfront cost.

**Customer-Focused:** We understand that streamlining your processes benefits more than just your machines. It translates to happy customers and stronger business relationships.

## Book Today

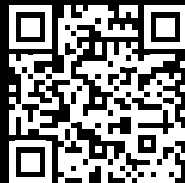
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*Reduce Downtime, Increase Efficiency*

Explore the full range of TYGRIS MRO products.  
For data sheets or more information visit:

**TYGRISINDUSTRIAL.COM**



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