

# INDUSTRY

## Metallurgy

- Rolling mills:
- Degreasing rollers and bearings (high temperature grease)

- Foundries:
- Cleaning of particle filters to prevent dust discharge into the atmosphere (very fine aluminium oxide dust)

*Solvent didn't penetrate sufficiently and slipped over the filters without really cleaning them.*

- Removing lubricant used in moulds (a mixture of grease and mineral oils)

## Metal working

- Machining:
- Degreasing, cutting oil and soluble oil
  - Cleaning tool holders and spindles (accumulated chips of metal and oil)
  - Wiping clean machine frames

- Inspection:
- Enables more precise visual inspection of parts (machining marks more visible)
  - Does not affect U.V / Fluorescein tests

- Electric discharge machining:
- Removing salts used in electrical discharge machining

- Cutting, forming, drawing:
- Degreasing, stamping and drawing oils
  - Polishing: removing polishing compounds

- Wire work:
- Degreasing of springs before thermal treatment
- Heat treatment:
- Degreasing of parts before heat treatment to prevent scale deposits

## Glass works

- Cleaning graphite grease on moulds
- Cleaning the steel or cast steel cutters used to cut molten glass (polymerised oils)

## Plastics technology

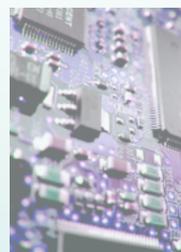
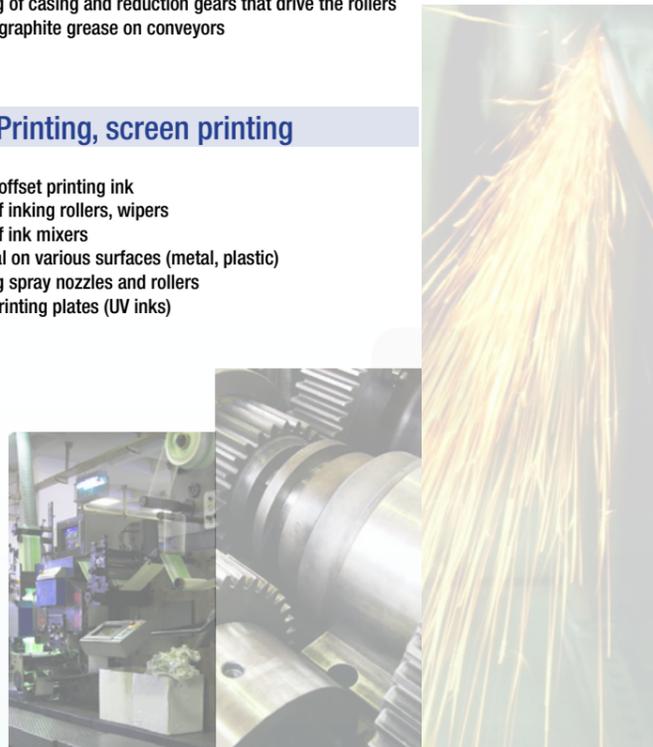
- Injection:
- Cleaning mould cavities
  - Cleaning up vapour deposits
  - Cleaning of extractors
  - Cleaning chase bearings
  - Removing hydraulic oils

## Paper manufacture

- Cleaning of wet felt conveyor rollers
- Cleaning press rolls (removing paper residue from stainless steel rollers)
- Degreasing of casing and reduction gears that drive the rollers
- Removing graphite grease on conveyors

## Printing, screen printing

- Removing offset printing ink
- Cleaning of inking rollers, wipers
- Cleaning of ink mixers
- Ink removal on various surfaces (metal, plastic)
- Degreasing spray nozzles and rollers
- Cleaning printing plates (UV inks)



# ELECTRICAL / ELECTRONICS

- Electrical and electronic maintenance
- Degreasing of motherboards, electrical components, housing, automated systems, dryer systems

# TEXTILES

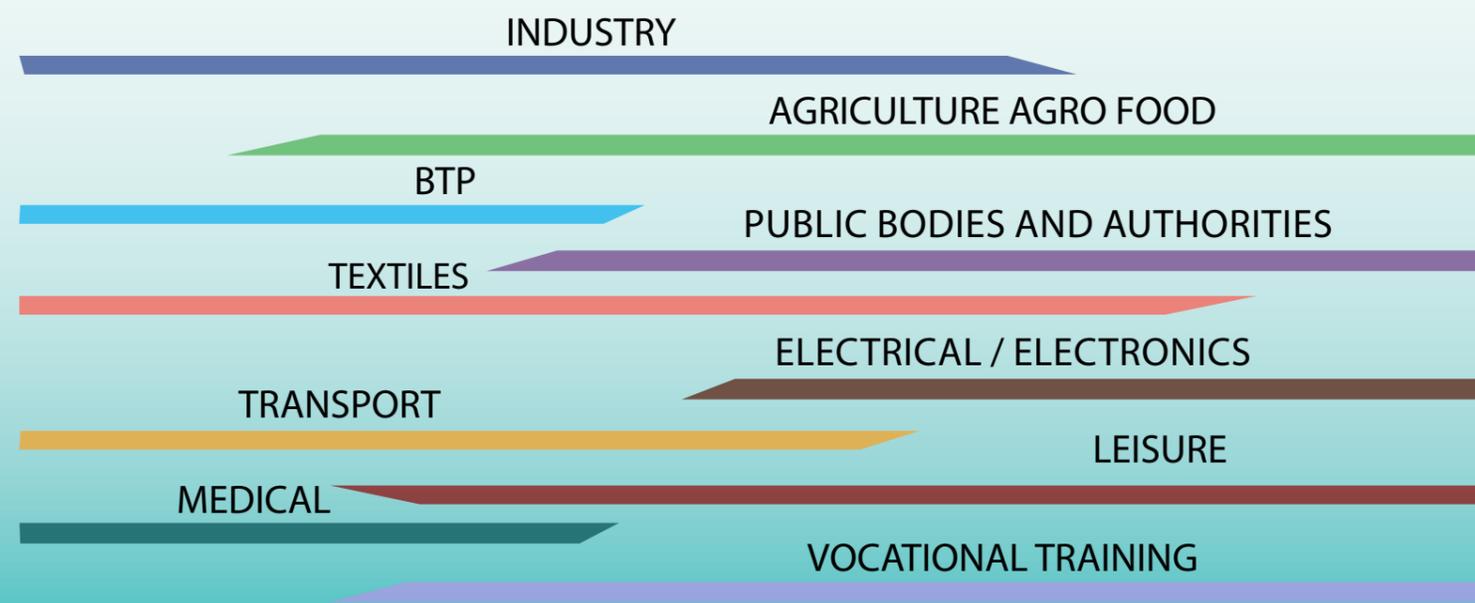
- Cleaning combs on looms
- Effective on textile oils (used to improve strength and resistance of fibres during the weaving process)
- Cleaning oil filters on weaving machines

# VOCATIONAL TRAINING

- Technical or forestry training schools
- Degreasing of components for cars, motorcycles, agricultural machinery, etc.

# GWIDE

## FOR MULTIPLE APPLICATIONS



# TRANSPORT

## Motorcycle

- Degreasing aluminium housing (engine and transmission)
- Cleaning cylinder heads, pistons, valves
- Degreasing chain and sprockets
- Paint: removes traces of silicon on plastics, ABS, Kevlar, carbon or aluminium without damaging these materials
- Cleaning carburettor manifolds:

*The yellowish deposit caused by fuel and additive residue in the carburettor comes off very easily without having to remove seals or rubbers.*

- Cleaning of forks and shock absorbers:

*For sitting operations (positioning spacers in the forks to "sit" the bike) the seal surface must be perfectly free of grease to allow very precise spacer adjustment. Once the spacers are inserted, the forks can be refilled with oil.*

## HGVs

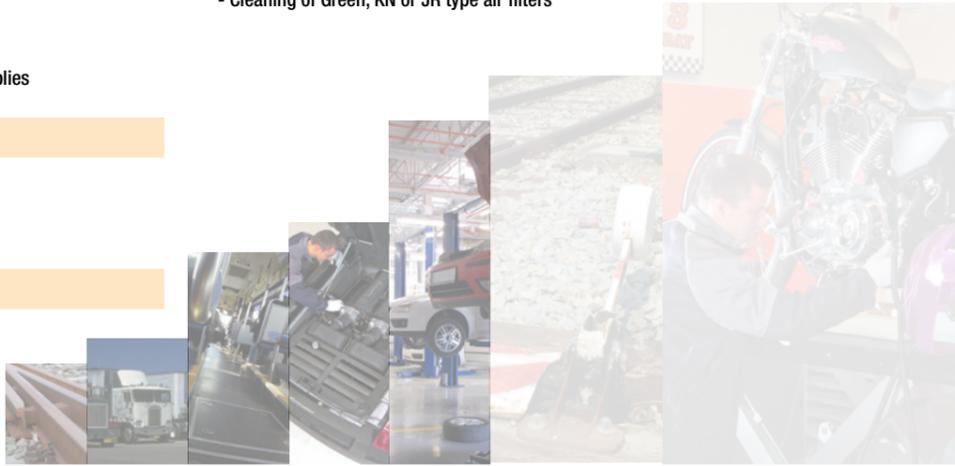
- Degreasing gear boxes
- Cleaning diesel oil centrifuges
- Cleaning engine blocks
- Cleaning up fifth wheels
- Cleaning brake systems: brake pads, jaw assemblies

## Rail

- Spark plug maintenance
- Cleaning wheel bearings

## Shipyards

- Maintenance of mechanical components
- Engine maintenance



## Public transport

- Vehicle fleet maintenance
- Bus, underground, tramway maintenance

## Car

- Cleaning of timing covers
- Cleans oil pans
- Cleans clutch housing
- Cleans gear boxes
- Removes scale deposits on pistons, valves and cylinder heads
- Unlocks wastegate on turbo units
- Cleans EGR valves
- Removes traces of tar and brake dust from alloy wheel rims
- Removes insect stains from bodywork
- Degreasing of hubs before changing wheel hub bearings
- Cleaning brake calipers for replacement of pistons and seals
- Cleaning flanges and outer races before replacing gaskets and wheel cylinders
- Cleaning air-to-air heat exchangers by soaking to remove oil deposited over time
- Cleaning of Green, KN or JR type air filters

# LEISURE

## Pleasure boats / Jetski

- Maintenance of mechanical components
- Engine maintenance

## Bicycle Repair workshops

- Degreasing of chains, derailleurs and chainsets

## Ski Resort

- Degreasing and cleaning haul rope grips for cable cars and chair lifts
- Cable car grips and double jaw grips are dismantled in order to remove the grease.*

- Cleaning internal components of ski tows (coil springs), ski tow grips and upper springs

*Tubing on the ski tow is cleaned with a damp cloth.*

## Golfs courses, Racecourses

- Maintenance of self drive mowers
- Removal of hydraulic oils
- Removal of grass stains (chlorophyll) on blades and housing

## Campers and caravans

- Highly effective for removal of black marks along seams in the bodywork

## Motor sports Karting

- Cleaning clutch housing, output gear, chain transmission system and carburettors



# MEDICAL

- Degreasing of titanium prostheses
- Removing polishing compounds from prostheses

# PUBLIC BODIES AND AUTHORITIES

## Army, Police

- Degreasing of arms (armourer)
- For cleaning weapons of the following type: HK pistols, Famas, ANF1, 12.7mm machine-gun, 20 and 40mm guns, 37mm saluting guns
- The product is totally effective for cleaning all weapon components, in particular barrel and breech

*It is very important to clean arms quickly in the parts washer because black powder residue has oxidative properties.*

*Clean with a brush for 1 to 5 minutes only. We do not recommend soaking for these types of parts.*

*The parts must be thoroughly dried using an air gun and then immediately lubricated and protected using S716 oil type products in aerosol form for immediate reassembly of the arm.*

*For storage of components, we recommend applying G450 grease.*

### Caution :

*Before reassembling a weapon protected with G450 grease, it is crucial to remove the grease using the parts washer, dry them and then lubricate with S761 oil.*

*Note that Bio Liquid is entirely suitable for this application. Traces of powder are in fact harder to remove with white spirit type solvents or safety solvents.*

## Public swimming pools

- Cleaning of pumps, boilers, dosing apparatus

## Water treatment plants

- Cleaning of pumps, filters, pipes

## Cemeteries

- Equipment maintenance

## Municipal technical centre, combined district council

- Maintenance of highways machinery : refuse trucks, road sweepers, mowers, etc.

## Local services

- Vehicle fleet maintenance
- Cleaning mower blades
- Cleaning hedge cutter blades
- Cleaning plastic housings (grass stains, resin, earth, oil, grease)
- Cleaning carburettors
- Cleaning chains, chain guides and casings on chainsaws
- Cleaning air filters

## Forestry

- Cleaning mower blades
- Cleaning hedge cutter blades
- Cleaning plastic housings (grass stains, resin, earth, oil, grease)
- Cleaning carburettors
- Cleaning chains, chain guides and casings on chainsaws
- Cleaning air filters



# AGRICULTURE / AGRO FOOD

## Horticulture

- Maintenance of agricultural machinery

## Abattoirs

- Conveyor maintenance
- Removing blood from hooks
- Cleaning of stun guns



## Processing

*Bottling of wines, spirits, fruit juice, oils*

- Cleaning pumps and pipes
- Milk treatment
- Degreasing metal moulds, etc.
- Degreasing pump housing
- Plant maintenance
- Cleaning of conveyors (graphite greases)
- Degreasing gear reducers
- Effective on frying oils



# Construction & Civil Engineering

## Quarries

- Cleaning up conveyors
- Degreasing of hydraulic systems
- Maintenance of site machinery
- Dust removal

## Equipment hire companies

- Maintenance of heat appliances
- Dust removal on housings, air filters

## Motorway construction companies

- Vehicle and equipment maintenance

## Tunnel construction



Don't hesitate to give us feedback on any other applications so that the document can be updated (technical terms+photos).