ACE ENTERPRISES

ACE WATER-BASED DEGREASER

Plant cleaner for forging lubricant manufacturers: removes graphite, oil, ester, polymer, wax and resin residues. Non-flammable. Low odour.

Graphite, oil and wax off your plant

Zero fire hazard compared with diesel.

1. Why a forging lubricant plant needs a dedicated cleaner

Graphite, oils, waxes and binders leave sticky, black and slippery residues everywhere

Making graphite and non-graphite forging lubricants and die lubes means constant handling of oils, polymeric binders, esters, waxes and graphite slurry. These spread from raw material handling to filling, and ordinary cleaning cannot keep up.

Pain point in your plant	What happens
Slippery floors	Oil, wax, binder and graphite spills make floors slippery and unsafe
Black graphite stains	Stains on mixers, tank platforms and pump areas that normal soap cannot remove
Sticky filling area	The drum filling area is always sticky, unsafe and unattractive, and drips on drums spoil branding
Graphite overspray	Hard-to-clean overspray around mixing tanks and thick oily films on tools and mechanical parts
Diesel and solvent cleaning	Fire risk and odour complaints from diesel or solvent used for cleaning
Downtime and unsafe practice	Equipment downtime caused by unsafe cleaning practices
Audit remarks	High housekeeping audit remarks in ISO, safety and customer visits

1:2 – 1:20
dilution range, from heavy graphite to floors

Zero
fire hazard, unlike diesel or solvents

12 areas
of a forging lubricant plant it cleans

2. How we help you

A water-based degreaser matched to every area of your plant

What we offer	How it helps you
Removes the full range of residues	Oil, ester, polymer, wax, resin and graphite
Faster graphite cleaning	Cleans graphite stains faster than ordinary cleaners
Zero fire hazard	Water-based and non-flammable, unlike diesel or solvents
Safe on your equipment	Safe for mild steel, stainless steel and aluminium
Corrosion-inhibited formula	Surfactant blend, alkalinity builders, chelating agent, water softener and corrosion inhibitor
Safer for workers	Non-toxic and low odour, suitable for enclosed areas

Dilution chart

Application	Dilution (product : water)	Method
Heavy graphite / oil	1:2	Spray + scrub
Reactor & mixers	1:5	Spray + wipe
Filling machine	1:10	Wipe only
Floors & drains	1:15 – 1:20	Mop / scrub
Tools / parts	1:5	Dip / brush

Where we clean: 12 areas of a forging lubricant plant

Plant area	Why cleaning is needed	What we clean
Raw material handling	Oils, binders, esters, waxes and graphite slurry drips	Drums, carboys, totes, spills, measuring tanks
Mixing & reactor	Equipment coated with oil, additives and graphite film	Reactor floors, graphite overspray, agitator shafts, lids, pipelines
Heat exchanger / kettles	Heating oil and thermal fluid leaks leave sticky residues	Exterior surfaces, pipes, valves, gaskets
Filling & packing	Lubricant spills during drum or pail filling	Filler nozzles (external), conveyors, labelling rollers, drum drips
Storage tanks & IBC lines	Residual oil or pigment stains	Tanks and pipelines (external), vents, manways
Graphite handling	Black stains normal soap cannot remove	Floor tiles, platforms, hand tools, trolleys
Floor & drains	Oil dripping from pistons, pumps and agitators	Routine floor degreasing, oil and wax-blocked drains
Machine & utility room	Compressors, hydraulics and pumps leak oil	Compressor housings, power packs, gearboxes, motors
Maintenance workshop	Tools and parts accumulate oil and graphite	Bearings, shafts, couplings, valves, gaskets, flanges
Forklifts & pallet trucks	Tyres and forks contaminated with drips	Forklift body, hydraulic areas, pallets
QC laboratory	Oil spills during sampling and viscosity testing	Benchtops, sample trays, viscometer accessories (external)
Ventilation ducts	Oil mist and graphite particles stick in ducts	Hoods and exhaust covers during shutdown

3. Your benefits of working with us

Cleaner floors, safer cleaning and better audit scores

Your benefit	What you get
Rapid cleaning	Fast removal of oil, graphite, wax, polymer and resin residues; floors become non-slippery within minutes
Safer plant	Zero fire hazard versus diesel or solvents; prevents slips and accidents; safer in enclosed areas
Easy on equipment	Cleans filling machines, mixers, reactors and drums effortlessly, with safe use on MS, SS and aluminium
Low cost per cleaning	Dilutable from 1:5 to 1:20 for floors, so very low cost per clean
Better audits and image	Improves housekeeping audit score and customer impression, and supports ISO 14001 and safety audits
Daily and shutdown use	Ideal for shutdown deep cleaning and daily housekeeping

Technical properties

Property	Value
Appearance	Clear / pale yellow liquid
pH (1% solution)	10.5 – 11.5
Specific gravity	1.04 ± 0.02
Flash point	Non-flammable
Dilution range	1:2 to 1:20
Metal compatibility	MS / SS / aluminium safe
Packaging	25 L, 50 L concentrate

Safety precautions

Wear gloves, goggles and a mask. Ensure the area is free from electrical leakage. Switch off the machine before cleaning. Use "Wet Floor" signage.

Keep your lubricant plant clean, safe and audit-ready

Ask for a sample and a trial in your plant

ACE ENTERPRISES | 7/3, Swapna, Oswal Park, Pokhran Road No.2, Thane (West) – 400601, Maharashtra
Mobile: 9850956240 / 9021688906 | Email: ukalkar2001@yahoo.com