

Machine Way Lubrication Oil

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Consumables & Spares

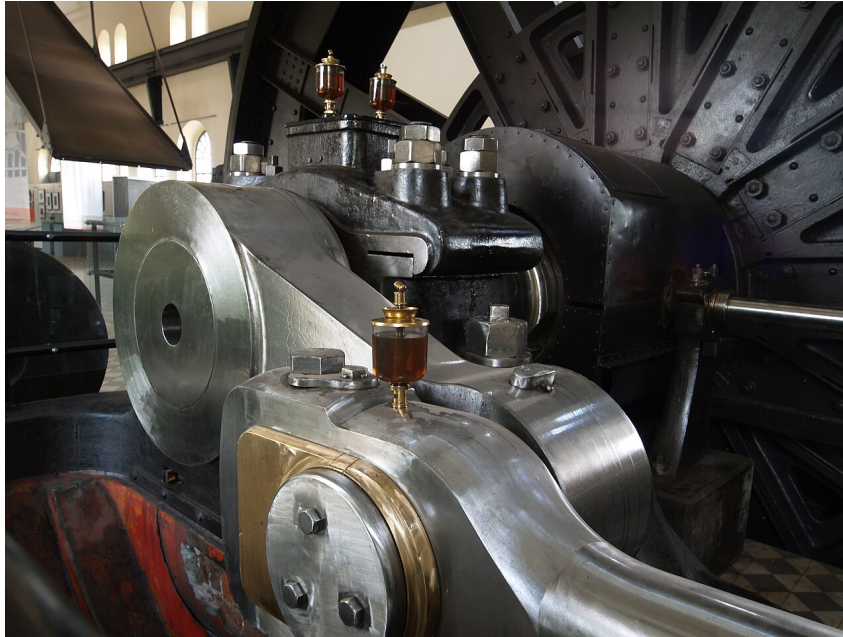


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Machine way oil lubricates the slideways, guideways and leadscrews of lathes, mills and other machines, formulated to cling to vertical surfaces and resist squeezing out under load. Correct way oil keeps machine motion smooth and accurate.

Key Features

- ISO VG 32, 68, 220 grades
- High cling and film strength
- Anti-wear and anti-rust additives
- Non-drip qualities
- Drums and dispenser bottles

Typical Uses in the Workshop

- Oil lathe beds and slides
- Lubricate mill ways and columns
- Protect machine surfaces from rust
- Smooth leading screws and carriages

Safe Operation

1. Wipe the ways clean first
2. Apply a thin film along the way surfaces
3. Run the axis back and forth to spread
4. Re-oil before each session
5. Use the correct grade for the machine

SAFETY NOTES

- Oil spills make floors slippery - wipe up
- Wear gloves when handling
- Keep oil away from brake and drive friction surfaces
- Store in sealed labelled containers
- Dispose of used oil correctly

Maintenance & Consumables

- Check the oil level in auto-lubricators
- Refill the way oil stations
- Clean the felt or wiper seals
- Record the lubrication schedule
- Keep dispensing bottles filled

Specification & Buying Notes

Buy the way oil grade the machines specify, in manageable containers with a pump dispenser. Quality way oil stays put; cheap general oil runs off the ways.