

Anglomoil Machine Oil lubricants are mild extreme pressure gear oils, made from high viscosity index base oils incorporating sulphur phosphorus additives. The selected formulation is especially effective for the heavy sliding loads encountered in industrial worm gearboxes.

The additive treatment is non-corrosive to bearing metals and provides excellent extreme pressure performance and resistance to oxidation, rusting and foaming.

Field performance is very good and the oils meet the requirements of US Steel specification 224, American Gear Manufacturers Association (AGMA) 250.04, David Brown Gear Industries ET33/80 and the German DIN 51354 Part 2 specification.

### Applications

Use in all types of industrial and mobile equipment requiring mild EP lubricants. Most suitable for worm drive gearboxes (e.g. Sonnerdale, Borg Warner, David Brown, SEW), and all other types of industrial gearboxes. Use also for chain cases, sprockets, slide guides, flexible couplings and plain and rolling element bearings.

Suitable for bath, splash, circulation and spray application.

Many machines, especially older design processing machinery, are fitted with a 'total loss' lubricating system, i.e. the oil passes only once through the bearing zones before being rejected. With these systems, oil feed to the bearings is sparse and intermittent. Those Machine Oils identified with a suffix 'T', contain an additional additive, a tacky agent, which helps to retain the oil in the bearing zone and to reduce oil consumption. These tacky oils are especially recommended for machines such as presses, stamping machines, rollers, crushers etc.

Anglomoil Machine Oils are available in the standard international viscosity grades i.e. 150, 220, 320 etc.

### Performance Data

Performance compared against two international specifications.

Properties	Anglomoil Machine Oil	US Steel 224	AGMA 250.04
Timken OK Load	29kg	27 min	27 min
4 Ball EP:			
Load Wear Index	53kg	45 min	NR
Seizure	150kg	NR	NR
Weld	315kg	250 min	NR
4 Ball Wear Test:			
Scar dia.	0.30	0.35 max	NR
FZG Test:			
Pass Load Stage	12	11 min	11 min
Oxidation Stability:			
Viscosity Increase	3.4%	6% max	NR

#### Anglomoil Superior Lubricants

Lubricants for Automotive - Industry - Food - Farm Machinery - Marine - Earthmovers - Road Transport

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