

ANTIWEAR 2 / 10 / 22 / 32 / 46 / 68 / 100 / 150 / 220

FEATURES

- Extended Sump life
- Meets or Exceeds OEM Specifications
- Rapid Oil Rejection
- Solvent Free
- VOC Compliant
- Wide Variety of Viscosities

GENERAL DESCRIPTION

Hangsterfer's Antiwear oils are dual-purpose machine lubricants formulated for both hydraulic and spindle lubrication, eliminating the need to inventory both hydraulic and spindle oils.

The primary benefit of the Antiwear series is the fact that they do not emulsify in water and as a result will reject from coolant faster than lower quality products. Faster rejection means easier removal of tramp oil from the coolant by means of decantation, skimming, coalescing and centrifuging.

The Antiwear series is formulated with high quality additives under strict quality control resulting in products that meet and/or exceed international specifications established for hydraulic and spindle oils. The Antiwear series is available in nine viscosities that meet the International Standards Organization (ISO) viscosity requirements for machine lubricants. All Hangsterfer's Antiwear Oils meet or exceed the Cincinnati Milacron P-68, P-69 and P-70 Specifications.

APPLICATIONS

Primary		Secondary	
Bar Feeder	Machine Hydraulic	Anti-rust Film	Part Lubrication
Hydrostatic ways	Spindle Lubrication	Displace Moisture	

MATERIALS

Primary			Secondary
Bronze	Copper	Steel	Composites
Ceramics	Iron: Cast, Ductile	Turcite	Plastics

INSTRUCTIONS

Please follow directions given by the oil system manufacturer for required maintenance. Yearly cleaning of the oil reservoir is recommended to remove any contaminants that may enter during filling.

PRODUCT CHARACTERISTICS

ANTIWEAR	2	10	22	32	46	68	100	150	220
Appearance	Lt. Golden	Lt. Golden	Lt. Golden	Golden	Golden	Amber	Amber	Amber	Amber
Odor	Mild	Mild	Mild	Mild	Mild	Mild	Mild	Mild	Mild
Viscosity:									
SUS @ 100°F	30 - 40	52 - 65	100 - 120	145 - 160	210 - 220	310 - 320	460 - 470	695 - 710	1010 - 1030
cSt @ 40°C	1 - 5	8 - 15	20 - 25	30 - 35	40 - 48	60 - 70	98 - 102	145 - 155	215 - 230
Viscosity Index (VI)	N/A	>95	>95	>95	>95	>95	>95	>95	>95
ISO VG	2	10	22	32	46	68	100	150	220
Specific Gravity	0.75 - 0.78	0.80 - 0.86	0.84 - 0.88	0.85 - 0.88	0.84 - 0.88	0.85 - 0.88	0.85 - 0.88	0.85 - 0.89	0.85 - 0.89
Flash Point COC, °F/°C	270/132	335/168	410/210	419/215	430/221	439/226	439/226	439/226	439/226

WASTE TREATMENT

Dispose of in accordance with local, state, federal and international laws. As with most used oils they can often be re-refined or used in energy recovery systems.

SHIPPING UNITS

All Hangsterfer's products are available in pails, drums and Intermediate Bulk Containers (275 gallons). All products are distributed worldwide.

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