



ZINC FREE ANTI WEAR LUBRICANTS

A range of high quality general-purpose machinery and bearing oils suitable for use in circulation systems, high speed precision bearings in textile machines, centrifugal air compressors, geared turbines, light duty gear boxes and many other industrial applications. With exception of **ANYDO** they contain additive to increase resistance to oxidation and zinc-free anti wear also good provide protection against rust.

The grades with low viscosity are specially formulated for spindle bearings in precision tools textile plants.

ANYDO is recommended for applications such as:

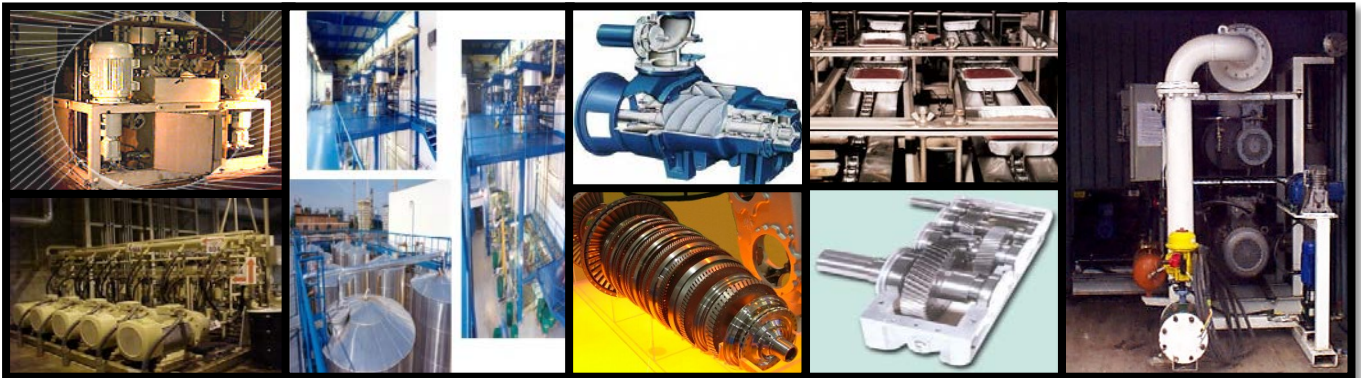
1. Multipurpose machinery lubricants
2. High speed spindle lubrication
3. An aluminum cold-rolling oil
4. Slideway Lubricants
5. Mist Lubricants
6. Air tools and other pneumatic equipment
7. Lightly loaded enclosed gear box
8. Vacuum pump, deep-well water pump
9. Machine tools, etc

ANYDO, Features and Benefits:

- Good oxidation resistance to minimize sludge and varnish formation
- Mild wear protection
- ↳ Protects against rust and corrosion
- ↳ Excellent water-separating properties
- ↳ Low carbon-forming tendency
- ↳ Good foam resistance

ANYDO meets the requirements of the following industry and OEM specifications:

- ✂ ABB G12106
- ✂ AGMA Grades 0 through 7 (non-EP)
- ✂ Alstom Power HTGD 90 117 for geared turbines
- ✂ ASTM D4304 Type I Turbine Oil
- ✂ British Standard 489
- ✂ Denison Hydraulics HF-1
- ✂ DIN 51517 Part 2, Lubricating Oils, Type CL
- ✂ DIN 51524 Part 1, Lubricating Oils, Type CL
- ✂ DIN 51506 Lubricant oil VBL
- ✂ General Electric GEK 101941A, GEK 46506D, GEK 27070 (obsolete), GEK 28143A (obsolete)
- ✂ Ingersoll-rand Centak centrifugal compressors
- ✂ U.S. Military MIL-L-17672D



	ISO Viscosity Grade	10	15	22	32	46	68	100	150	220	320		
Density @ 15°C	ASTM D1298	kg/l	0.86	0.87	0.88	0.88	0.88	0.89	0.89	0.89	0.9		
Flash Point	ASTM D92	°C	162	174	192	216	225	240	240	267	270		
Kin Viscosity @ 40°C	ASTM D445	cSt	9.5	15	21	32	46	68	105	160	320		
Kin Viscosity @ 100°C	ASTM D445	cSt	2.5	3.32	4.19	5.4	6.9	9	12	16	25		
Viscosity Index	ASTM D2270		80	84	104	108	105	105	101	101	101		
Pour Point	ASTM D97	°C	-45	-33	-30	-30	-30	-24	-24	-24	-24		
4-Ball/Welding Load		Kg					180/200		200/220				
Neutralization Value	ASTM D664	mgKOH/g							0.2				