



ARTAC WAY OILS

ARTAC WAY OILS are premium quality lubricants designed for machine tool ways and similar applications where tacky oils are required.

ARTAC WAY OILS contain extreme pressure (EP) additives to protect metal surfaces when heavy loads are encountered and to provide maximum wear protection. They also enable **ARTAC WAY OILS** to lubricate equipment where the same oil lubricates both ways and gears.

Furthermore, special lubricity additives give **ARTAC WAY OILS** a low coefficient of friction. This makes **ARTAC WAY OILS** extra slippery to eliminate machine tool way chattering and stick-slip. The result is smoother, more accurate machining, improved tool operation and reduced rejects.

ARTAC WAY OILS contain a tackiness additive that keeps the oils from running off when the unit is operating or being squeezed out between the way surfaces when the machine is idle. This provides extra protection at startup while trimming lubricant consumption and mess. It also serves to reduce sling-off, making **ARTAC WAY OILS** ideal for roller chains.

Another feature of **ARTAC WAY OILS** is their outstanding separation from coolants. They resist washout and readily separate from

many coolants when contaminated. In addition, **ARTAC WAY OILS** provide excellent rust and corrosion protection.

BENEFITS:

- PROVIDE EXTREME PRESSURE AND WEAR PROTECTION
- CLING TENACIOUSLY TO METAL SURFACES
- ELIMINATE MACHINE TOOL CHATTERING AND STICK-SLIP

APPLICATIONS:

ARTAC WAY OILS are recommended for machine tool ways and slides. They can be used to lubricate chains, bearings, gears, and other applications where tacky oils are beneficial.

ARTAC WAY OILS can be applied manually or automatically. They are compatible with the seals and materials used in most automatic lubrication systems. Their outstanding flow properties make them suitable for gravity type applicators.

ARTAC WAY OILS are approved by Cincinnati Lamb P-47 (ISO 68) and P-50 (ISO 220) specifications. They also meet the GM LS 2 specification for way oils.





ARTAC WAY OILS

TYPICAL CHARACTERISTICS

ISO Viscosity Grade	32	68	100	220
Product Code	15760	15762	15763	15765
API Gravity (ASTM D-1298)	29.4	28.6	29.4	27.3
Color (ASTM D 1500)*	4.5	3	4	4
Viscosity (ASTM D-445):				
cSt @ 40°C	31.8	68.3	100	220
cSt @ 100°C	5.41	8.95	11.4	19.4
SUS @ 100°F	164	352	520	1161
SUS @ 210°F	44	56	65	99
Viscosity Index (ASTM D-2270)	104	105	101	100
Pour Point (ASTM D-97) °F (°C)	15 (-10)	-10 (-23)	-10 (-21)	-5 (-21)
Flash Point (ASTM D-92)				
°F	390	430	473	465
(°C)	(200)	(220)	(245)	(240)
Copper Corrosion (ASTM D-130) - 3 hours @ 212° F	1a	1a	1a	1a
Steel Corrosion (ASTM D 665-B)	pass	pass	pass	pass
CM Stick-Slip, Static/Kinetic Ratio	0.78	0.78	0.78	0.78
Cincinnati Lamb Approval**	-	P-47	-	P-50

* Color of the way oil will vary depending upon your region. Most regions have this color.

** CINCINNATI LAMB was formerly known as CINCINNATI MACHINE

The above data is subject to usual manufacturing variation. For more information and availability, call 1-800-442-LUBE.

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