



## **WDO DRAWING OILS**

The **RichardsApex WDO Series** is comprised of high film strength, fortified drawing oils especially formulated for the drawing of stainless, alloy, and metallic coated wire. These oils are available in a broad range of viscosities using various combinations of effective extreme pressure additives. Modifications are available to insure the most desirable surface quality, die life, and cooling properties for each specific application.

The **RichardsApex WDO Series** is recommended for use in its "neat" form in either individual lubricant supply systems or central systems supplying a large number of fine wire drawing machines. The largest volume of oil that is practical and economical for each plant system is recommended to provide maximum cooling. For the longest possible production life, an efficient filtration system is recommended to maintain the product in its original condition -- free of the contaminants and moisture that could be injurious to the finished wire.

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### **BENEFITS:**

Maintains exceptionally clean machines and circulation equipment

Provides maximum die protection and produces clean, bright finishes at recommended temperatures between 90 - 105°F (30 - 40°C)

With effective filtration, this oil can have years of productive life. Additive packages are available to maintain E.P. properties. \*

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### **TYPICAL SPECIFICATIONS:**

	WDO	WDO-10LV	WDO-10	WDO-57	WDO-76	WDO-110	WDO-300
<b>Viscosity SSU@100°F (38°C)</b>	44	57	82	128	145	107	300
<b>Wt./Gal. (Lbs.)</b>	7.2	7.4	7.5	8.2	7.3	7.65	7.74
<b>Sulfur % Min.</b>	1	3	3	2	1	1.5	1.5
<b>Chlorine % Min.</b>	1	4	4	14	3	3	3

\*Due to the complexity of the analysis, it is suggested that samples of the used **WDO Series** be sent to our laboratory semi-annually. Concentrates are recommended that will restore the drawing oil to its original condition.

Please contact **RichardsApex** for information on additional drawing oils.