



“AD” COMPOUNDS

RichardsApex “AD” Series is especially formulated for use in the drawing of EC Aluminum and Aluminum Alloys. These oils are available in various viscosities, incorporating fatty lubricity agents, non-corrosive anti-wear additives and viscosity index improvers. Modifications are available to meet specific customer requirements.

The RichardsApex “AD” Series is recommended for use in its as received form. The largest volume of oil that is both practical and economical for each plant system is recommended to provide maximum cooling and settling time. Maintaining a maximum operating temperature of 35°C (95°F) is most preferred. For the longest possible production life, an efficient filtration system is recommended to maintain optimum performance.

Benefits

Maintains exceptionally clean machines and circulation equipment

Provides die protection with non-staining, non-corrosive anti-wear additives

Produces clean, bright finishes

With effective filtration, this oil can have years of productive life

Recommended Uses

AD100 - For drawing fine aluminum and aluminum alloy wire from 0.0156 and finer (0.40 mm and finer).

AD150 - For drawing intermediate sizes of aluminum and aluminum alloy wire from 0.1443 to 0.0126 (3.6 mm to 0.32 mm).

AD200 - For drawing rod and heavy intermediate EC aluminum (1350 grade) and other anodizing, welding alloys (3000 and 8000 series) from sizes 0.375 to 0.0808 (9.525 mm to 2.0 mm).

AD250 – For drawing rod and heavy intermediate high strength aluminum alloys to include 5000 – 6000 series from sizes 0.375 to 0.0808 (9.525mm to 2.0mm).



Specifications

Base additives are available to maintain the extreme pressure and lubricity agents at the specified percentages for optimum drawing performance.

	Viscosity @38 °C/100 °F	Flash Point (COC)Min Temp	Density (Weight/Gallon)
AD100	16.2 cSt(75 SUS)	132°C(270°F)	0.85kg/L(7.11lb/gal)
AD150	29.1 cSt(135 SUS)	148°C(300°F)	0.87kg/L(7.22lb/gal)
AD200	158.4 cSt(735 SUS)	148°C(300°F)	0.89kg/L(7.46lb/gal)
AD250	215.5 cSt(1000 SUS)	148°C(300°F)	0.88kg/L(7.31lb/gal)

Please contact your RichardsApex Representative for additional information.