



TDP600 SERIES

The RichardsApex TDP600 SERIES is especially formulated for drawing of nonferrous, stainless steel, and other alloy wire, where the use of oil containing sulfur and chlorine additives is not desirable. These oils are available in various viscosities, incorporating clean burning, fatty lubricity agents, non-corrosive anti-wear additives and viscosity index improvers. Modifications are available to ensure the most desirable surface quality, die life, and cooling properties for each specific application.

The RichardsApex TDP600 SERIES is recommended for use in its “neat” form in either individual supply tanks or central systems supplying many wire drawing machines. The largest volume of oil that is both practical and economical for each plant system is recommended to provide maximum cooling and settling time. For the longest possible production life, an efficient filtration system is recommended to maintain these oils in their most productive form – free of contaminants and moisture that could be detrimental to die life and surface finish.

Benefits

Synthetic oil base maintains exceptionally clean machines and circulation equipment

Burns clean at heat treating temperatures of 400°C (752F min) and above

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

Typical Batch Specifications

Product	Viscosity (38°C/100°F)	Specific Gravity	Flash Point
TDP681	14.7 cSt/72 SUS	0.84 kg/L - 7.00 Lbs/gal	149.9°C/300°F min
TDP682	194 cSt/900 SUS	0.88 kg/L – 7.34 Lbs/gal	149.9°C/300°F min
TDP689	8.4 cSt/52 SUS	0.86 kg/L – 7.14 Lbs/gal	149.9°C/300°F min