



# Kendex® 0834

(C.A.S. #: 8052-42-4)

[REACH Registered]

Product Code: L10-4554

Kendex® 0834 is a high viscosity, high VI, 100% petroleum **resin**, that is uniquely characterized by being a semi solid at room temperatures, tacky, non- drying and opaque in color. It is manufactured from 100% Penn Grade Crude oil, a waxy paraffinic crude that is low in sulfur and contains little measurable asphaltenes.

These characteristics have proven to be very beneficial for a wide variety of quench oil applications where protecting the part if foremost and darkening is acceptable. As a key component it is added to the base oil along with other additives in the quench oil prior to emerging the part for cooling.

Kendex® 0834 has been used with asphalt to improve both the high and low temperature properties as it extends the malleability of the combined produce. The improved resiliency of the combined product has been demonstrated in both paving and shingle grade asphalts. The resin has been oxidized both alone and in the presence of asphalt and provides unique ring and ball characteristics.

The malleability and tackiness of the resin has also proven to provide a cost effect advantage in open gear formulations because the parts can be serviced less since the formulated product adheres better because it is less brittle than asphalt based gear oil is used.

Heavy resins are used in a wide variety of product including greases and for viscosity modifiers.

Kendex® 0834 may require heat to remove from shipping container.

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Resins, Heavy Resins / 2600 Viscosity Resin, Heavy Viscosity, Black, Tacky, Penn-Grade Resins. While viscous liquid at room temperature, Kendex® 0834 may require heat to remove it from the shipping container.

**Applications:** Used as a Viscosity Builder for Metalworking Fluids and Straight Oils. Used in Quench Oils to Control Quenching Rate.

ASTM Method	Description	Specification		
		Minimum	Maximum	Typical
D1298	LB/GAL			7.99
D1298A	Gravity, API			16.1
D445	Viscosity @ 40°C, cSt			48,000
D445	Viscosity @ 100°C, cSt	450	575	540
D445	Viscosity @ 210°F, SUS			2600
D2270	Viscosity Index			100
D5949	Pour Point, °C (°F)			27 (80.6)
D1500	Color, ASTM			Opaque
D524	Ramsbottom Carbon Residue, %			9.75
D-6560/IP 143	Asphaltenes Content			<1.0% wt
	Method IP 346			<3.0% m/m PCA Extract

Mixing with incompatible chemicals may be hazardous. This product is for industrial use only. Safety data sheets are available upon request.

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