BASF Irganox L 115

BASF Irganox L 115 is a high molecular weight phenolic antioxidant containing a thioether group. Suitable for use at 0.2-0.3% in PAO based synthetic lubricants, 0.1-0.5% in PAG synthetic lubricants, and 0.5-0.8% in engine oils. Ashless solid with low volatility. Permits reduced losses under high temperature operating conditions. Offers superior thermal stability over conventional phenolic antioxidants such as BHT and methylene-bis-phenols. Provides multifunction activity as primary and secondary antioxidant. Suitable for use in lubricants with incidental food contact. Supplied as a white to slightly yellow crystalline powder.

While Irganox L 115 is a good product, it is Tri-iso's opinion that Rhein Chemie Additin RC 7215 is a much better option. Additin RC 7215 is an phenolic antioxidant based on thiodiethylene bis[3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate]. Additin RC 7215 is a direct drop-in replacement for Irganox L 115 (chemically identical). Suitable for hydraulic fluids, metalworking fluids, industrial gear oils, turbine oils, polyglycols, and use with natural and synthetic esters. Supplied as colorless crystals. NSF HX-1 registered for lubricants with incidental food contact.

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