Irganox L 107 is a high molecular weight phenolic antioxidant. Ashless solid with low volatility that permits reduced antioxidant losses under high temperature operating conditions. Offers superior thermal stability over conventional phenolic antioxidants such as BHT and methylene-bis-phenols. Demonstrates good deposit control performance in engine oils. Inherently biodegradable (CEC method). Recommended for use at 0.5-3% in industrial lubricants based on natural oils, 0.2-0.6% in engine oils. Suitable for hydraulic fluids, metalworking fluids, industrial gear oils, turbine oils, polyglycols, and use with natural and synthetic esters. Supplied as a white to slightly yellow crystalline powder.

While Irganox L 107 is a good product, it is Tri-iso’s opinion that Rhein Chemie Additin RC 7207 is a much better option. Additin RC 7207 is an phenolic antioxidant based on octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate. Additin RC 7207 is a direct drop-in replacement for Irganox L 107 (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.

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