SONGWON - SONGNOX®

Product	Chem. Description	Features and Benefits
SONGNOX® L101	Tetrakis[methylene-3-(3,5-di-tert-butyl-4’-hydroxyphenyl) propionate]methane	Ashless solid with extremely low volatility and high thermal stability. Excellent for greases and synthetic lubricants. Approved by FDA for use in blending food grade lubricants.
SONGNOX® L107	Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	High molecular weight AO with good thermal stability. Ashless solid with low volatility. Very effective in lubricants based on natural oils. Good deposit control performance in engine oils.

Product	Chem. Description	Features and Benefits
SONGNOX® L109	Hexamethylenebis[3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate]	Excellent thermal stability and high molecular weight. Especially recommended in mineral oil based industrial lubricants. Approved by FDA for use in blending food grade lubricants
SONGNOX® L115	Thiodiethylene bis [3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate]	Ashless solid with low volatility and excellent thermal stability. Provides multifunctional activity as primary and secondary AO. Approved by FDA.

Product	Chem. Description	Features and Benefits
SONGNOX® L135	Benzenepropanoic acid,3,5-bis(1,1-dimethylethyl)-4-hydroxy-, C7-9-branched alkyl esters	Easy to handle liquid with excellent solubility in mineral oil. Provides superior protection against oxidation and deposit formation.
SONGNOX® L224	Dilauryl thiodipropionate	Secondary thioester antioxidant. Decomposes and neutralizes hydroperoxides, formed by auto-oxidation. Synergistic effects in combination with phenolic antioxidants. Solid.

Product	Chem. Description	Features and Benefits
SONGNOX® L226	Ditridecyl thiodipropionate	Secondary thioester antioxidant. Decomposes and neutralizes hydroperoxides, formed by auto-oxidation. Synergistic effects in combination with phenolic antioxidants. Liquid form.
SONGNOX® L416	Tris(2,4-di-tert-butylphenyl) phosphite	Ashless solid with low volatility. Excellent for mineral and synthetic lubricants in transportation and industrial application.

Product	Chem. Description	Features and Benefits
SONGNOX® L570	Mixture of octylated & butylated diphenylamine	Controls lubricants viscosity increase due to oxidation. High nitrogen content and excellent protection against thermo-oxidative degradation. Approved by FDA.
SONGNOX® L670	Bis(nonylphenyl)amine	Excellent protection against thermo-oxidative degradation with effective control over viscosity increase due to oxidation.