

Greases Technical Data Sheet

Synthetic esters are available in a wide variety of viscosity grades and deliver an excellent combination of oxidative stability, low temperature fluidity, lubricity and high viscosity index in greases formulated with high performance thickeners. Low volatility and a favorable eco-toxicity profile make synthetic esters an excellent choice for greases that are used in outdoor partial loss applications or in environmentally sensitive areas.

Synthetic Ester	Chemistry	Viscosity @ 40°C (cSt)	Viscosity @ 100°C (cSt)	Viscosity Index	Flash Pt. (°C)	Pour Pt. (°C)
LUBRICIT 2-EH iC9	Monoester	3.5	1.4	n/a	150	-75
LUBRICIT iC9-9	Monoester	4.5	1.7	n/a	145	-75
LEXOLUBE 2I-214/1	Polyol	5.5	1.9	n/a	190	-70
LUBRICIT DIOA	Diester	9.0	2.7	150	215	-60
LUBRICIT 2-EHAZ	Diester	11	3.1	150	215	-70
LEXOLUBE 3I-310	Polyol	14	3.4	120	230	-65
LEXOLUBE GT-855IG HX1	Glyceryl	15	4.0	135	235	-15
LUBRICIT TMP C810	Polyol	20	4.4	140	260	-40
LUBRICIT TMP C9	Polyol	21	4.6	140	275	-50
LUBRICIT DTD A/1	Diester	27	5.4	135	250	-60
LUBRICIT GTO	Glyceryl	40	8.5	200	325	-25
LUBRICIT TMP C18	Polyol	46	9.4	190	325	-45
LUBRICIT 3810	Aromatic	52	8.1	125	280	-50
LEXOLUBE PQ-68*	Polyol	68	8.6	100	250	-30
LUBRICIT 2-EHD	Dimer	83	13	150	315	-40
LUBRICIT 3010	Aromatic	135	13	80	280	-40
LUBRICIT 9522	Dimer	140	19	145	310	-50
LEXOLUBE 4PM-114*	Aromatic	170	16	90	275	-30
LUBRICIT 2026	Aromatic	195	17	90	275	-35
LUBRICIT 3013/1	Aromatic	320	20	70	290	-30
LUBRICIT 9526	Complex	330	45	185	320	-40
LEXOLUBE CP-460LC	Complex	460	46	160	290	-25
LEXOLUBE Z-6000	PGA	1600	120	165	290	0
LEXOLUBE CQ-3000	Complex	3000	205	180	300	-15
LEXOLUBE CG-3000	Complex	3000	290	235	310	-20

Features

- Wide temperature operating range
- Low volatility
- Excellent lubricity
- High viscosity index
- Biodegradable

Applications

- Silica thickened grease
- Polyurea thickened grease
- Organoclay thickened grease
- Railroad grease
- Agriculture and Forestry applications

Please inquire about NSF food grade and additional tailor-made products that can be made to fit your exact performance requirements.

*Certain methods and uses may be covered by one or more awarded or pending patents held by Zschimmer & Schwarz worldwide

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