

Synthetic Esters for Industrial Applications - Technical Data Sheet

A wide variety of synthetic esters are available to meet the demanding requirements of industrial, automotive, aviation and marine applications. When operating environments call for a lubricant that is environmentally friendly, food-safe, fire-resistant or bio-derived, synthetic esters deliver lubricity and solvency over a broad temperature range, low volatility and deposit control, and high viscosity index for natural energy efficiency.

Synthetic Ester	Chemistry	Viscosity @ 40°C (cSt)	Viscosity @ 100°C (cSt)	Viscosity Index	Flash Pt. (°C)	Pour Pt. (°C)
Monoesters						
LUBRICIT 2-EHL	Saturated	5.0	1.8	n/a	185	-25
LUBRICIT 2-EHO	Unsaturated	8.0	2.7	190	220	-40
LEXOLUBE HS-S*	Saturated	11	3.0	130	225	5
Diesters						
LUBRICIT DIOA	Diacid	9	2.7	150	215	-60
LUBRICIT DIDA	Diacid	14	3.6	145	230	-60
LUBRICIT DTDA/1	Diacid	27	5.4	135	250	-60
LUBRICIT 2-EHD	Dimer	83	13	150	315	-40
Polyol Esters						
LUBRICIT TMP C9	TMP	21	4.6	140	275	-50
LUBRICIT 9547*	PE	25	5.0	135	265	-55
LUBRICIT PE 4810*	PE	32	6.1	145	300	-5
LEXOLUBE POE-46	Polyol	46	7.4	135	270	-45
LUBRICIT TMP C18	TMP Oleate	46	9.4	190	325	-40
LUBRICIT PE 418	PE Oleate	66	12	185	330	-20
LEXOLUBE PQ-68*	PE	68	8.6	100	250	-30
LEXOLUBE POE-68HT*	DPE	68	10	130	300	-40
LEXOLUBE POE-100HT*	DPE	100	12	120	300	-35
LEXOLUBE POE-220HT*	DPE	220	19	100	300	-25
LUBRICIT DPE 6iC9*	DPE	390	26	90	315	-20
Aromatic Esters						
LUBRICIT 3010	TM	135	13	80	280	-40
LEXOLUBE 4PM-114*	PM	170	16	90	275	-30
LUBRICIT 3013/1	TM	320	20	70	290	-30
Complex Esters						
LEXOLUBE CLG-460	Polyol	460	40	135	285	-20
LEXOLUBE CG-3000	Polyol	3000	290	235	310	-20
Natural Esters						
LEXOLUBE GT-855 IG	Glyceryl (S)	15	4	135	235	-15
LUBRICIT GMO	Glyceryl (U)	50	9	150	240	0
LUBRICIT SMO	Sorbitan (U)	424	25	75	270	0

Please inquire about 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

LEXOLUBE® and LUBRICIT are trade names of Zschimmer & Schwarz Inc. Zschimmer & Schwarz Inc. and its marketing subsidiaries, affiliates, partners and suppliers, disclaim responsibility for results of use of the Materials or of any product, method, or apparatus mentioned herein. Nothing stated herein is to be considered a recommendation or inducement of any use, manufacture or sale that may infringe any patents or any other proprietary rights now or hereafter in existence. The Materials are intended to act as a guide for use at your discretion and risk. We assume no liability in connection with the use, or the utilization of the Materials or the methods or products described therein. Information pertaining to availability, pricing and technical assistance for these products can be obtained from the marketing department, through the nearest sales representative or authorized distributor. Copyright © 2021 Zschimmer & Schwarz Inc. | All Rights Reserved