



glycerol esters	product description	applications	acid value (mg KOH/g)	saponification value (mg KOH/g)	iodine value (gJ ₂ /100g)	melting point (°C)	cloud point (°C)
LIGALUB GT	glyceryl tristearate	lubricant for plastics, application as ester wax, release agent.	max. 2	195 - 205	max. 1	57 - 62	-
LIGALUB 9 GE-H	glyceryl trihydroxystearate	Internal lubricant, e.g. for PVC foil production, base component for lubricants	max. 5	175 - 185	max. 4	84 - 88	-
LIGALUB 10 GE	glycerol monooleate	internal lubricant, e.g. for PVC foil production.	max. 1	162 - 172	90 - 105	-	max. 20
LIGALUB 11 GE	glycerol monostearate	internal lubricant for PVC with good compatibility. Used as emulsifying agent or antistatic.	max. 1	160 - 175	max. 3	60 - 65	-
LIGALUB 12 GE	glycerol dioleate	internal lubricant with low cloud point e.g. for PVC foil production.	max. 2	175 - 185	80 - 90	-	0 - 5

mono alcohol esters	product description	applications	acid value (mg KOH/g)	saponification value (mg KOH/g)	iodine value (gJ ₂ /100g)	melting point (°C)	cloud point (°C)
LIGALUB 36 FE	stearyl stearate	additive for waxes. Universal lubricant for PVC with internal and external lubrication	max. 1	95 - 100	max. 3	50 - 60	-
LIGALUB 36 FE/6	stearyl stearate	similar to LIGALUB 36 FE but with very low plate out.	max. 3	105 - 115	max. 3	50 - 60	-
LIGALUB FAE	stearyl phthalate	high compatible internal lubricant for PVC.	max. 2	165 - 175	max. 1	40 - 45	-
LIGALUB FAE/S	mixture of partial and dicarbon fatty ester	internal lubricant for PVC	max. 2	172 - 182	max. 2	43 - 48	-
LIGALUB 45 ITD	isotridecyl stearate	internal and external lubricant for PVC.	max. 2	110 - 130	max. 2	-	5 - 10

polyol esters	product description	applications	acid value (mg KOH/g)	saponification value (mg KOH/g)	iodine value (gJ ₂ /100g)	viscosity 40°C (mm ² /s)	cloud point (°C)
LIGALUB 50 PE	pentaerythritol tetrastearate	external lubricant and release agent for thermoplastics.	max. 3	-	max. 2	-	57 - 65 (melting point)
LIGALUB 51 PE	pentaerythritol monooleate	used as an additive for lubricants.	max. 2	168 - 180	80 - 100	-	-
LIGALUB 55 PE	Polyolpartialester	lubricant for unplasticized PVC.	max.2	165 -180	max. 2	-	49 - 56 (melting point)
LIGALUB 80 MEG	Ethylene glycol distearate	internal and external lubricant for PVC processing with very high compatibility	max. 2	-	max. 1	-	65 - 75 (melting point)
LIGALUB PEG 400 MO	polyethyleneglycol monooleate	used as lubricant additive and emulsifying agent.	max. 2	80 - 90	30 - 40	70 - 80	+ 5

other esters	product description	applications	acid value (mg KOH/g)	saponification value (mg KOH/g)	iodine value (gJ ₂ /100g)	melting point (°C)	other
LIGALUB 70 KE	complex ester	external lubricant for PVC, release agent for technical thermoplastics.	max. 10	270 - 280	max. 3	-	
LIGALUB 71 KE	complex ester	external lubricant and release agent for PVC.	max. 10	250 - 265	-	-	
LIGALUB 74 KE	complex ester	external lubricant and release agent for PVC.	max. 12	270 - 280	-	52 - 64	
LIGALUB 78 KE	combination of lubricants with metallic soaps	external lubricant for the processing of rigid PVC.	max. 15	-	-	105 - 115	Ca-content: 1,1 - 1,7 %
LIGALUB 121 KE	solid lubricant blend	allround lubricant for extrusion and calendering.	max. 2	120 - 150	max. 3	60 - 70	