

## Arcanol rolling bearing greases · Chemo-physical data and directions for use

Arcanol (previous designation)	Thickener Base oil	Base oil viscosity at 40 °C mm <sup>2</sup> /s	Consistency NLGI-class DIN 51818	Temperature range °C	Longtime limit temperature °C	Main characteristics Typical applications
<b>MULTITOP</b> (L135V)	Lithium soap with EP additives Mineral oil + ester	85	2	-40...+150	80	Universal grease for ball and roller bearings, at high loads, increased speeds, low and high temperatures Rolling mills, construction machines, motor vehicles, spinning and grinding spindles
<b>MULTI2</b> (L78V)	Lithium soap Mineral oil	ISO VG 100	2	-30...+140	75	Universal grease for ball bearings with O.D.s ≤ 62 mm Small electric motors, agricultural and construction machines, household appliances
<b>MULTI3</b> (L71V)	Lithium soap Mineral oil	80	3	-30...+140	75	Universal grease for ball bearings with O.D.s > 62 mm Large electric motors, agricultural and construction machines, blowers
<b>LOAD220</b> (L215V)	Lithium/calcium soap with EP additives Mineral oil	ISO VG 220	2	-20...+140	80	Special grease for ball and roller bearings at high loads, wide speed range, high degree of humidity Rolling mills, rail vehicles
<b>LOAD400</b> (L186V)	Lithium/calcium soap with EP additives Mineral oil	400	2	-25...+140	80	Special grease for ball and roller bearings at extremely high loads, medium speeds, medium temperatures Mining machines, construction machines
<b>LOAD1000</b> (L223V)	Lithium/calcium soap with EP additives Mineral oil	ISO VG 1000	2	-20...+140	80	Special grease for ball and roller bearingstures at extremely high loads, medium temperatures, low speeds Mining machinery, construction machinery, preferably for shock loads and large bearings
<b>TEMP90</b> (L12V)	Calcium/polyurea with EP additives Mineral oil	130	2	-40...+160	90	Special grease for ball and roller bearings at high temperatures, high loads Couplings, electric motors, motor vehicles
<b>TEMP110</b> (L30V)	Lithium complex soap Ester oil	ISO VG 150	2	-40...+160	110	Special grease for ball and roller bearings at high temperatures, high speeds Electric machines, motor vehicles
<b>TEMP120</b> (L195V)	Polyurea with EP additives PAO/Ester oil	ISO VG 460	2	-35...+180	120	Special grease for ball and roller bearings at high temperatures, high loads Continuous casting plants
<b>TEMP200</b> (L79V)	PTFE Fluor. poly. oil	400	2	-40...+260	200	Special grease for ball and roller bearings at extremely high temperatures, chemically aggressive enviroments Track rollers in baking machines, piston pins in compressors, kiln trucks, chemical plants
<b>SPEED2,6</b> (L75)	Polyurea PAO/Ester oil	ISO VG 22	2-3	-50...+120	80	Special grease for ball bearings at extremely high speeds, low temperatures Machine tools, instruments
<b>VIB3</b> (L166V)	Lithium complex soap with EP additives Mineral oil	170	3	-30...+150	90	Special grease for ball and roller bearings at high temperatures, high loads, oscillating motion Rotor blade adjusters in wind power stations, packing machines
<b>BIO2</b>	Lithium/calcium soap Ester oil	58	2	-30...+120	80	Special grease for ball and roller bearings in environmentally hazardous applications
<b>FOOD2</b>	Aluminium complex soap White oil	192	2	-30...+120	70	Special grease for ball and roller bearings in applications with food contact USDA H1