

## Gears and Chain Technical Data Sheet

Industrial and automotive gear applications demand base stocks that can withstand the stress and shear of high loads. Oven and freezer conveyor chains must function at temperature extremes with no smoke or deposit formation. Synthetic esters with high oxidative and thermal stability provide excellent lubricity, boundary lubrication and viscosity boost, delivering long life and smooth operating performance in both gear and chain applications.

Synthetic Ester	Chemistry	Viscosity @ 40°C (cSt)	Viscosity @ 100°C (cSt)	Viscosity Index	Flash Pt. (°C)	Pour Pt. (°C)
LEXOLUBE PQ-68*	Polyol	68	9	100	250	-30
LEXOLUBE POE-68HT*	Polyol	68	10	130	300	-40
LEXOLUBE CPE-70	Complex	68	11	150	280	-15
LEXOLUBE POE-100HT*	Polyol	100	12	120	300	-35
LUBRICIT 3090/1	Aromatic	115	12	85	280	-15
LUBRICIT 3010	Aromatic	135	13	80	280	-40
LUBRICIT 9522	Dimer	140	19	145	310	-50
LUBRICIT 9538	Dimer	140	22	180	290	-20
LEXOLUBE 4PM-114*	Aromatic	170	16	90	275	-30
LEXOLUBE POE-220HT*	Polyol	220	19	100	300	-25
LEXOLUBE CPE-220	Complex	220	30	160	300	-15
LUBRICIT 9537*	Polyol	300	22	90	300	-5
LUBRICIT DPE 89*	Polyol	305	23	90	300	-15
LUBRICIT 3013/1	Aromatic	320	20	70	290	-30
LUBRICIT 9526	Complex	330	45	185	320	-40
LEXOLUBE POE-350HT*	Polyol	350	25	90	300	-15
LUBRICIT DPE 6iC9*	Polyol	390	26	90	315	-20
LEXOLUBE KL-435	Dimer	435	38	125	320	-20
LEXOLUBE CLG-460	Complex	460	40	135	285	-20
LEXOLUBE CP-460LC	Complex	460	46	160	290	-25
LUBRICIT 9468/1	Dimer	475	55	185	310	-35
LEXOLUBE CPE-1000	Polyol	1000	96	185	300	-20
LEXOLUBE Z-6000	PGA	1600	120	165	290	0
LEXOLUBE CG-3000	Complex	3000	290	235	310	-20
LEXOLUBE CQ-3000	Complex	3000	205	180	300	-15

### Features

- Thermal and Oxidative stability
- Low volatility
- No deposit formation
- Wide temperature operating range

### Applications

- Oven chain and conveyor drives
- Spur, helical and planetary gears
- Bevel, worm and hypoid gears
- Automotive and industrial gears

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

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