

EMKARATE RL refrigeration lubricants typical properties

	Viscosity at 40°C	Viscosity at 100°C	Pour Point	Density at 20°C	Flash Point (COC)	Water Content	Acid Value	Hydroxyl Value	Colour	Temperature Miscibility 10% lube in R134a Low
Units	cSt		°C	g / ml	°C	ppm	mgKOH/g	mgKOH/g	Hazen	°C
Test Method	D445		D97	D1298	D92	E1064-85	*in-house	E326	D1209	in-house
Product Code										
RL 22H	18.9	4.2	-52	0.995	240	<40	0.02	<4.5	100	-45
RL 32H	32.5	5.8	-46	0.977	258	<40	0.02	<4.5	60	-42
RL 32CF	32.0	5.6	-46	0.973	250	<40	0.07	<4.5	150	-6
RL 32 3MA	31.2	5.9	<-40	0.981	>230	<50	0.02	<4.5	<0.5	-30
RL 46H	45.3	7.1	-46	0.977	260	<40	0.02	<4.5	70	-37
RL 68H	65.5	9.3	-39	0.980	270	<40	0.02	<4.5	70	-26
RL 100S	98.8	12.7	-36	0.974	270	<40	0.02	<4.5	125	+6
RL 150S	137	15.0	-37	0.976	270	<40	0.02	<4.5	150	+9
RL 170H	170	17	-25	0.968	290	<40	<0.04	<5.0	250	Immiscible
RL 220H	222	19.5	-22	0.976	280	<40	0.02	<4.5	100	-16

Test methods are ASTM standard methods unless otherwise stated. *This a modified version of ASTM D974.



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