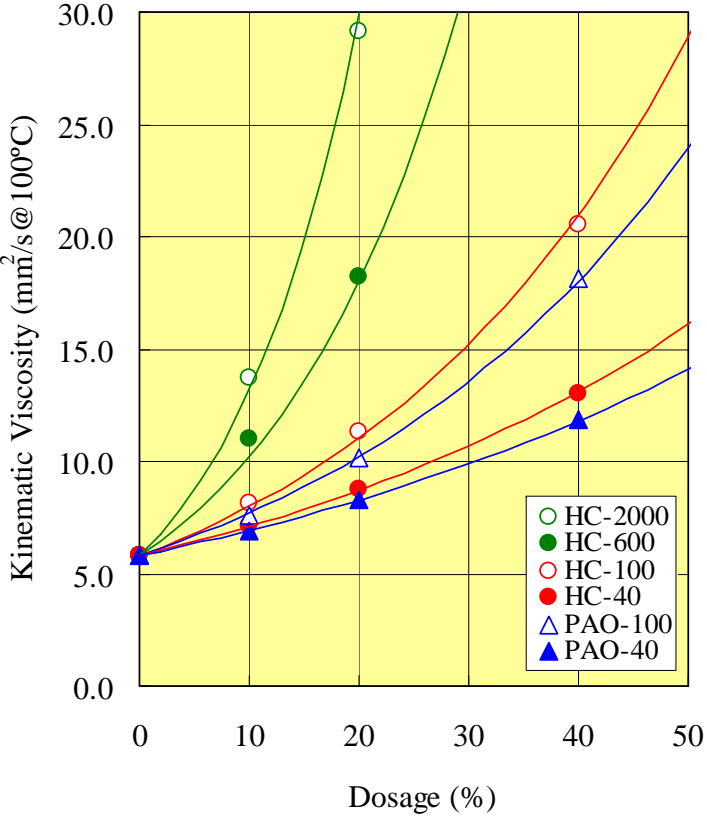
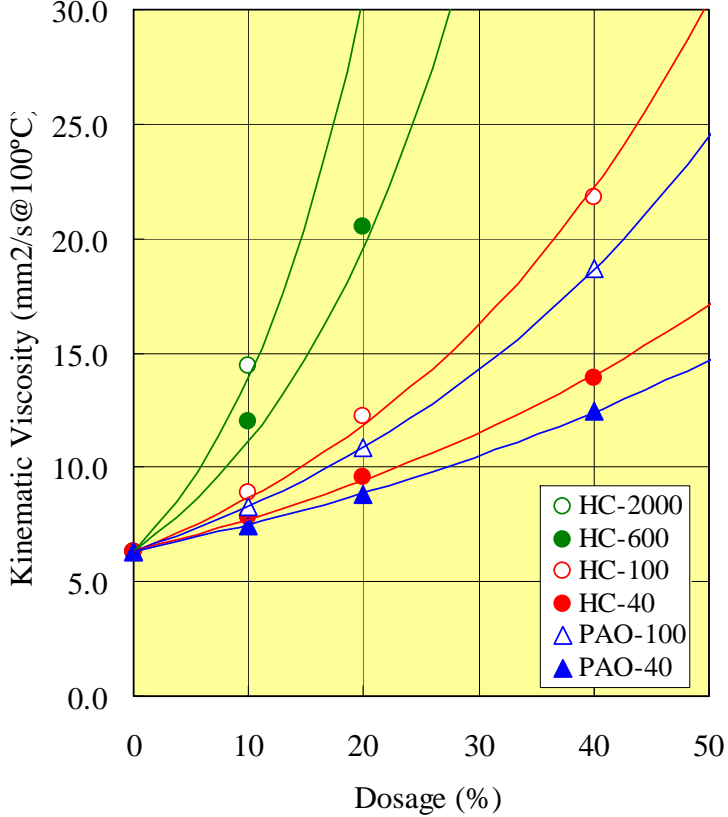


Thickening effect (in PAO-6)



Thickening effect (in Group III oil)



LUCANT™ Automotive Gear Oil Application



Table. 75W-90 Formulations with Synthetic Oil

		Grade	(1)	(2)	(3)	(4)	(5)	
Formulation	LUCANT™	HC-40	44.7					
		HC-100		29.8				
		HC-150			26.2			
		HC-600				14.2		
		HC-2000					10.7	
	Base Oil	PAO-6	33.8	48.7	52.3	64.3	67.8	
		Ester (DIDA)	15.0	15.0	15.0	15.0	15.0	
	EP Additive		6.5	6.5	6.5	6.5	6.5	
Total		100.0	100.0	100.0	100.0	100.0		
Properties	Kinematic Viscosity @100°C	mm ² /s	ASTM D445	14.1	14.0	14.1	13.7	13.7
		@40°C		mm ² /s	94.9	92.0	91.5	84.6
	Viscosity Index		ASTM D2270	152.0	156.0	158.0	166.0	170.0
	Pour Point	°C	ASTM D97	<-50	<-50	<-50	<-50	<-50
	Brook Field Viscosity @ -40°C	mPa*s	ASTM D2983	65,000	38,800	37,100	30,200	29,200
	KRL Shear Stability (20hrs.)	vis loss %	DIN 51350	<0.1	0.3	0.5	1.1	7.2

Notes: These values are not specified.