

LUCANT™ Automotive Gear Oil Application

Table. 75W-90 Formulations with Mineral Oil (Group III)

			Grade	(1)	(2)	(3)	(4)
Formulation	VM	LUCANT™ HC-40		38.0	47.0		
		BLIGHT STOCK N460				64.0	55.0
	Base Oil	Mineral Oil (4mm ² /s@100°C)			44.2		29.2
		(6mm ² /s@100°C)		55.2		38.2	
	EP Additive			6.5	6.5	6.5	6.5
	PPD			0.3	0.3	0.3	0.3
	Total			100.0	100.0	100.0	100.0
Properties	Kinematic Viscosity @100°C	mm ² /s	ASTM D445	14.1	14.1	14.2	14.0
	@40°C	mm ² /s		102.0	97.1	130.0	128.0
	Viscosity Index		ASTM D2270	141.0	149.0	108.0	107.0
	Pour Point	°C	ASTM D97	-40.0	-37.5	-22.5	-20.0
	Brook Field Viscosity @ -40°C	mPa*s	ASTM D2983	12.7	10.1	Solid	Solid

Notes: These values are not specified.