

GEAR BATCH CORRECTION FACTORS AND EXCLUSION AREAS

Hardware	Gear Batch	Approved for Standard Temperature Testing	Standard Temperature Testing Correction Factors (Transformed Units)		Approved for Low Temperature Testing	Low Temperature Testing Correction Factors (Transformed Units)	
			Pinion	Ring		Pinion	Ring
Lubrited	C1L308/P4L309R	Yes	None	None	Yes	None	None
Lubrited	C1L426/P4L404A	Yes	None	None	Yes	None	None
Lubrited	V1L303/P4L514A	Yes	Exclusion ³	None	Yes	Exclusion ³	None
Lubrited	V1L686/P4L626A	Yes	0.5186 ⁴	0.9922 ⁴	Yes	0.6065 ⁴	0.6065 ⁴
Lubrited	L247/T758A	Yes	None	None	Yes	0.5878 ⁴ 0.7340 ⁵	None
Non-lubrited	C1L308/P4L318R	Yes	None	None	Yes	None	None
Non-lubrited	C1L426/P4L415A	Yes	Exclusion ¹	None	Yes	Exclusion ¹	None
Non-lubrited	V1L303/P4L514A	Yes	Exclusion ²	None	Yes	Exclusion ²	None
Non-lubrited	V1L686/P4L626A	Yes	None	None	Yes	None	None
Non-lubrited	V1L176/P4L741A	Yes	None	None	Yes	None	None
Non-lubrited	V1L351/P4T771	Yes	None	None	Yes	None	None
Non-lubrited	V1L417/P4L792	Yes	None	None	Yes	None	None
Non-lubrited	V1L500/P4T813 ⁶	Yes	None	None	Yes	None	None

¹ Excludes any pitting/spalling values between 9.3 and 9.9, inclusively, in the wear step area (1/16 in.) of the drive side pinion tooth.

² Excludes any pitting/spalling values between 3.0 and 9.9, inclusively, in the wear step area (1/16 in.) of the drive side pinion tooth.

³ Excludes all pitting/spalling for non-reference oil tests (candidates) only. See PRI/LRI Information Letter No. GL-00-1 for more information.

⁴ Correction Factor is for the Ridging Parameter

⁵ Correction Factor is for the Spitting Parameter

⁶ Testing conducted using the 13% reduced contact stress requirements (1213 ± 25 lbf-ft dynamometer torque)

