

AUTHORIZED FOR USE IN DODGE® PRODUCTS

Among the factors that contribute to the performance and overall service life of a reducer, selection and use of the proper lubrication is very important. A number of lubricants have been tested and authorized for use in DODGE and MASTER gear reducer products. Approved lubricants may be used with confidence for optimum performance under predetermined conditions.

Use of a lubricant that is not factory approved will void warranties and may result in poor performance, overheating and extensive gear wear. These conditions will compromise the integrity of the gearbox and may contribute to catastrophic or premature failure of the unit.



Gear units manufactured by DODGE are typically filled with lubricant at the factory (See specific reducer series for exceptions) to provide value and optimum performance from all rotating components. When performing preventative maintenance it is important to choose a lubricant of comparable quality to the original.

WHAT OIL IS RIGHT FOR YOUR APPLICATION?

Here are a few characteristics of the different types that we offer:

Standard Mineral Oil

- For use in a variety of applications
- High wear resistance
- Great protection against rust and corrosion
- Resistant to oxidation and thermal breakdown giving long life to lubricant
- With the addition of EP Additives gain superior protection against rust and corrosion as well as excellent load-carrying properties (Lubricant with EP Additives not suitable for use in gear units with internal backstops)

Premium Synthetic Oil

- Can extend time between required maintenance (Refer to product instruction manuals)
- Reduce heat and friction in gear mesh giving longer oil life
- Better thermal stability than mineral oils
- Maintain viscosity over temperature range better than mineral oils
- USDA & NSF H1 rated lubricants are for products that are applied in the food industry

WHY USE DODGE ENDORSED LUBRICANTS?

- Ensures compatibility with internal reducer components
- Minimizes risk of damage to unit
- Have the right grade of lubricant in a practical quantity that is easy to handle and matched to the gear product
- Optimizes gear reducer performance

DODGE ENDORSED LUBRICANT SPECIFICATIONS & PART NUMBERS

ISO Grade	Product Line	Ambient Temperature (°F) *	Lubricant Type	Volume	Ordering Part number
150	Optional	-39 to +135	Synthetic	Quart	41170966AP
				Gallon	41170966AR
		-21 to +135	Synthetic - H1	Quart	334861
				Gallon	334860
220	QUANTIS	0 to +135	Mineral - with EP Additives	Quart	41170966AK
				Gallon	41170966AL
	TORQUE ARM, TAIL, MAXUM	+10 to +135	Mineral	Quart	41170966AS
				Gallon	41170966AT
	Optional	-34 to +135	Synthetic	Quart	41170966AU
				Gallon	41170966AV
320	Optional	+20 to +135	Mineral	Quart	41170966AW
				Gallon	41170966AX
		-28 to +135	Synthetic	Quart	41170966AY
				Gallon	41170966AZ
460	APG, Combination TIGEAR	-34 to +135	Synthetic	12 oz.	41170966AB
				Quart	41170966AE
				Gallon	41170966AF
	TIGEAR-2	-12 to +135	Synthetic - H1	Quart	334863
				Gallon	334862

*Please note that the +135deg F max ambient temperature is listed to allow for a 65 deg temperature rise within the enclosed gear box. Maximum sump temperature should not exceed 200 deg F.



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