



MODIFICATIONS/ACCESSORIES

TIGEAR-2

LUBRICATION

The DODGE TIGEAR-2 reducer is factory filled with a new synthetic lubricant which eliminates costly preparation time normally required to put a reducer into service. The lubricant supplied is a high performance, H1 food grade lubricant, suitable for all mounting positions. When reducer selections are properly service factored to account for the thermal limitations of the reducer, the standard lubricant covers an operating ambient temperature range of -10°F to 165°F. No other lubricant available on the market provides the outstanding wear protection and thermal abilities of the factory-filled lubricant. Other lubricants, including Mobil SHC series lubricant, must not be mixed with the factory supplied lubricant.

Low Temperature Lubricant

For operating ambient temperature ranges from -10°F to -30°F, order Low Temperature Lubricant at the time of reducer order. The low temperature lubricant has all of the high performance features of the standard temperature lubricant, but has been modified for lower temperatures. Contact Application Engineering for temperatures below -30°F.

Approximate Oil Volumes

REDUCER CONFIGURATION	REDUCER SIZE									
	13	15	17	20	23	26	30	35	40	47
(QH) Quill Input Hollow Output Shaft	6 oz.	7 oz.	11 oz.	14 oz.	21 oz.	28 oz.	44 oz.	60 oz.		
(QS) Quill Input Solid Output Shaft	6 oz.	7 oz.	12 oz.	15 oz.	23 oz.	32 oz.	48 oz.	66 oz.	97 oz.	176 oz.
Separate or 3-Piece Coupled Input (AH & SH) Hollow Output Shaft	9 oz.	10 oz.	15 oz.	21 oz.	28 oz.	38 oz.	59 oz.	82 oz.		
Separate or 3-Piece Coupled Input (AS & SS) Solid Output Shaft	9 oz.	11 oz.	18 oz.	23 oz.	32 oz.	44 oz.	70 oz.	94 oz.	144 oz.	266 oz.

Replacement factory recommended TIGEAR Lubricant may be ordered from DODGE. Use the following table to determine part number.

Standard Temperature Range		
Volume	Quart 32 oz.	Gallon 128 oz.
Part Number	334863	334862

Low Temperature Range		
Volume	Quart 32 oz.	Gallon 128 oz.
Part Number	334861	334860

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