

QMI GEAR TREATMENT — CONCENTRATE WITH PTFE

— Synthetic, heavy duty treatment

Benefits

- Reduces friction and wear
- Reduced heat and stress
- Reduced maintenance
- Reduced energy consumption
- Protection against corrosives
- Increased component life
- Improved performance
- Easier shifting
- Reduced noise
- Longer oil life

QMI PTFE Treatment Concept

QMI protects metal-to-metal friction surfaces with fused PTFE treatment, like “wet ice on wet ice,” a substitute wear surface that reduces friction, wear and heat while increasing energy efficiency and prolonging life and trouble-free operation.

- After application, the lubrication system carries QMI to lubricated friction surfaces.
- QMI’s metal preparation chemistry’s surfactants reduce surface tension of gums and varnish on friction surfaces, preparing the friction surfaces for PTFE treatment.
- QMI’s bonding agents work with mechanical action to fuse micro-thin PTFE treatment onto friction surface high points.

Now friction components glide by each other on long-lasting PTFE protection, reducing wear as much as 30 to 90%.

Safe, effective protection

As a manufacturer committed to advanced PTFE treatment technology, QMI provides PTFE that suspend easily in carrier oils and pass readily through standard filters. Many years of product development efforts produced SX-9000, a metal preparation, blending, suspension and bonding formula exclusive to QMI, with specialized PTFE especially chosen for higher tensile strength and stiffness, greater fracture resistance and improved flex life strength and life.

Also, QMI treatment utilizes chemically inert PTFE, does not contain chlorine or other potentially harmful components, does not compromise host oil characteristics or component critical tolerances. QMI is safe and effective, and meets manufacturers’ warranty requirements.

Applications

Manual transmissions, differentials, transfer cases, reduction gears, steering boxes and virtually all gear boxes for automotive, truck, industrial, construction, farm and marine applications.

Suitable for limited slip differentials.

Do not use in automatic transmissions.

Directions

1. Drain enough oil from gear box to allow addition of the recommended amount of the recommended amount of QMI Gear Treatment. (See **Usage Ratio** below.) If gear box oil is dirty or due for replacement, drain and refill with new oil, less amount of the QMI product.
2. Shake well and add to gear box.

Usage Ratio

20% QMI to 80% oil capacity.

(This is a friction-surface metal treatment, not an oil treatment. Therefore, reduce QMI ratio for gear boxes with large reserve oil capacity.)

Characteristics

Boundary Lubricant	PTFE
SAE No.	75W-90 Full Synthetic
Flash Point	400° F / 204° C
Pour Point	- 45° F / - 45° C
Gravity, API	27.5
Viscosity (ASTM D-1298)	
cST @ 40° C	130
cST @ 100° C	17
Viscosity Index (ASTM D-2270)	142
API Classification	GL-5, MT-1

Characteristics apply to carrier oils, and may vary slightly.

Packaging

Part #	Container Size	Package
GL1725	6 ounces / 177 ml	24 per case

