

## Medallion Plus<sup>®</sup> HD Drive Train TO-4

### PRODUCT DESCRIPTION

**Medallion Plus TO-4 Fluids** are formulated to provide optimum performance in off-highway transmissions, drive trains, and hydraulic systems without the compromises inherent in the mixed-fleet engine oils previously used in these applications. They are blended with premium base stocks and high quality additive chemistry that provides outstanding oxidation stability, clutch-plate friction, elastomer compatibility, and anti-wear protection in gearboxes. All grades have optimum viscosity stability and excellent high-temperature/high-shear viscosity.

**Medallion Plus TO-4 Fluids** meet Caterpillar's latest TO-4 specifications that cannot be satisfied by modern engine oils. They provide optimum balance between static and dynamic friction in six clutch materials used in power-shift transmissions, drive train clutches, steering clutches, and wet brakes. They also minimize chatter in oil-cooled disc brakes, and optimize durability for extended service.

also provide excellent anti-wear performance in power-shift transmissions, gearboxes, and final drives. They provide outstanding FZG gear wear control, Vickers 35VQ25 pump protection in hydraulic systems, Allison C-4 performance, and API GL-3 EP gear scor

### PERFORMANCE FEATURES

**Medallion Plus TO-4 Fluids** Caterpillar TO-4, API GL-3 EP, Allison C-4, Case powershift and final drives:

- API CF, CF-2, Vickers 35VQ25
- Suitable for Dana and Eaton Manual Transmissions, Komatsu Final Drives

### TYPICAL ANALYSIS

Property	ASTM Method	10W	30	50	60
Viscosity @ 40°C, cST	D445	38	104.4	231.3	313
Viscosity @ 100°C, cST	D445	6.1	11.6	19.4	0
BrookField Viscosity cP, (@ °C)		90,000 @ -35C	100,000 @ -25C	0	0
Viscosity Index	D2270	97	98	0	0
Pour Point °C	D97	-30	-18	-15	-12
Base Number	D2896	7.5	7.5	7.5	7.5
Sulfated Ash, wt	D874	1.1	1.1	1.1	1.1

### HEALTH & SAFETY

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your Customer Service Center. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment. Due to continual product research and development, the information contained herein is subject to change without notification.

