



## Product Bulletin

# PRISCO® GO Series GEAR OIL



**PRISCO** supplies oils and lubricants exclusively to the printing industry. All of our lubricants meet or exceed the most stringent press manufacturers' specifications.

**PRISCO GO Series Oils** are premium gear oils formulated from the finest Exxon/Mobil base oils fortified with special additives for maximum effectiveness. They are designed to reduce friction and wear, protect against corrosion, dissipate heat, help prevent scoring and welding, promote the shedding of water and release air while keeping gear systems clean. **PRISCO GO Series Oils** offer a unique combination of system cleanliness and a good ability to separate from water (demulsibility). **PRISCO GO Series Oils** are unsurpassed in protecting your equipment and helping to prevent costly downtime, even in severe operating environments.

### Advantages:

- Enhanced film and boundary protection for maximum gear life
- Phosphorus Extreme Pressure (EP) additive to protect gears under heavy and shock loads
- Maximum oxidation, rust and foaming protection
- Contains ZDDP additive, a superior zinc compound anti-wear additive
- Less friction yields energy savings resulting in lower operating costs
- **PRISCO** provides one source shopping for all lubrication needs

### Specifications:

ISO Viscosity Grade	68	100	150	220	320	460	680
AGMA Number	2EP	3EP	4EP	5EP	6EP	7EP	8EP
Gravity °API (ASTM D 287)	29.3	28.4	27.9	27.5	27	26.6	26.4
Viscosity	csT at 40° C	68	102	154	215	310	680
	csT at 100° C	8.7	11.2	14.8	18.5	23.5	38
Viscosity Index	100	92	95	95	95	95	92
Pour Point	° C	-18	-18	-18	-18	-9	-9
	° F	0	0	0	0	15	15
Flash Point	° C	217	246	258	266	286	302
	° F	422	475	497	511	546	575

ISO Viscosity Grade	68	100	150	220	320	460	680
AGMA Number	2EP	3EP	4EP	5EP	6EP	7EP	8EP
Timken OK Load (ASTM D 2782) lb	65	65	65	65	65	65	65
4-Ball EP Test (ASTM D2783) Load-Wear Index, kg Weld Point, kg	48 250	48 250	48 250	48 250	48 250	48 250	48 250
4-Ball Wear Test (ASTM D2266) 20 kg, 1800 RPM, 54° C (130° F) 1 hr, Wear Scar Diameter mm	.30	.30	.30	.30	.30	.30	.30
FZG Gear Test Stage	13	13	13	13	13	13	13
Oxidation Stability (ASTM D2893) 312 HR @ 95° C (203° F) @99° C (219° F) % Increase	1.0	1.5	2.3	3.3	5.6	5.2	5.7
Demulsibility (ASTM D2711) Water in Oil, % Total Free Water, ml Emulsion, ml	.2 86 .05	.7 85 NIL	.9 82 .4	1.4 83 .4	1.8 84 .6	2.0 84 .5	2.5 80 .5
Rust Test (ASTM D 665) Procedure A&B	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Copper Strip Corrosion (ASTM D130) 3 hr @ 100° C (212° F), Rating	1B	1B	1B	1B	1B	1B	1B
Foam Test (ASTM D 892), ml Sequence 1 Sequence 2 Sequence 3	TR/O TR/O TR/O	TR/O TR/O TR/O	TR/O TR/O TR/O	TR/O TR/O TR/O	TR/O TR/O TR/O	TR/O TR/O TR/O	TR/O TR/O TR/O

**READ MSDS BEFORE USING THIS PRODUCT**

**Packaging:** 1-Gallon (3.785 Liter) can 6-Gallon (22.7 Liter) pail 30-Gallon (113.6 Liter) drum  
55-Gallon (208 Liter) drum

08/07

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