

9000-9001 / 9011 TECHNICAL DATA

PHYSICAL CHARACTERISTICS - TYPICAL:

	9000	9001	9011
Gravity, °API	23.9	24.7	24.9
Viscosity,			
SUS @ 210° F (99°C)	3,189	3,239 w/o diluent	5,444 w/o diluent
cSt @ 40°C (104°F)	24,340	24,490 w/o diluent	54,560 w/o diluent
cSt @ 100°C (212°F)	655.5	665.9 w/o diluent	1,175 w/o diluent
cSt @ 40°C (104°F) w/diluent	—	6,000 min.	7,196
Viscosity Index, min.	120	120	120
Flash Point, °F (°C)	385 (196)	235 (112) w/diluent	218 (103) w/ diluent
Pour Point, °F (°C)	54 (12)	21 (-6) w/diluent	32 (0) w/ diluent
Color	Purple	Purple	Purple
Diluent	No	Yes	Yes

PERFORMANCE TEST REQUIREMENTS:

Timken OK Load, lbs., ASTM D-2509	70	70	95
Rust Test, ASTM D-665, 48 hrs. fresh water	Pass	Pass	Pass
Rust Test, ASTM D-665B, 48 hrs. sea water	Pass	Pass	Pass
Four-Ball EP, ASTM D-2596			
Weld Point, kgs.	500	500	500
LWI	100	100	115
Copper Corrosion, ASTM D-130	1a	1a	1a
FZG Fail Stage	12+	12+	14+
SRV EP, 50 Hz, 1 mm, 121°C; N	1100	1100	900

SPECIFICATIONS EXCEEDED:

AGMA 9005-EO2

APPROVED FOR USE BY / MEETS PERFORMANCE REQUIREMENTS OF:

Falk Corporation
Metso
Foster Wheeler
FFE Minerals
Fuller Traylor
Walchandnagar Industries Ltd, India



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