



TECHNICAL DATA BULLETIN

6751 H1 Machine Oil

DESCRIPTION

NSF H1 registered for incidental food contact and developed specifically for use in the Manzel lubrication system of Angelus seamers. Contains ashless additive technology that provides superior dispersant capabilities to completely emulsify water with the oil. Provides excellent anti-wear properties, including R&O resistance. Resists foaming. Certified Halal by IFANCA.

TECHNICAL DATA

Color	Light Amber
SAE Grade	40
ISO VG	150
Relative Density @ 60°F/60°F, ASTM D1298	0.891
Viscosity @ 100°C, cSt, ASTM D445	13.07
Viscosity @ 40°C, cSt, ASTM D445	150.2
Viscosity Index ASTM D2270	75
Flash Point °C (°F) (COC), ASTM D92	207 (405)
Pour Point °C (°F), ASTM D97	-21 (-6)
Rust Test 4 hrs @ 60°C, Sea H ₂ O, ASTM D665B	Pass
Copper Corrosion 3 hrs @ 100°C, ASTM D130	1a
Oxidation by PDSC minutes @ 180°C, ASTM D6186	36.13
Oxidation by RPVOT @ 150°C, minutes, ASTM D2272	205
Four-Ball EP Weld Point kgf, ASTM D2783	160
Four-Ball Wear @ 75°C, 1200 rpm, 40 kgf, 60 minutes, mm wear, ASTM D4172	0.33
Emulsion Characteristics @ 54°C, oil-water-emulsion/minutes, ASTM D1401	0-0-80/30
Foaming Characteristics @ 24°C/93.5°C/24°C, sequences, ml of foam/time to break, ASTM D892	0/0; 55/22; 0/0

APPLICATION

Formulated to meet the performance and H1 incidental food contact requirements of the Manzel lubrication system used on Angelus sanitary can seamers.

BENEFICIAL QUALITIES

- Meets NSF H1 requirements
- Certified Halal by IFANCA
- Completely emulsifies water with oil
- Provides excellent anti-wear properties, including R&O resistance
- Resists foaming

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