



Product Data

Castrol Braycote[®] 868

Grease, Molybdenum Disulfide and Silicone Oil

Description

Castrol Braycote[®] 868 is a grayish-black homogeneous mixture of molybdenum disulfide and silicone oil.

Temperature Range

-7°C to 404°C (19°F to 759°F)

Uses

Castrol Braycote[®] 868 is designed for use on slow-speed sliding surfaces operating at temperatures up to 400°C (752°F) and as an anti-seize compound on threaded parts which operate at temperatures up to 760°C (1400°F).

Packaging

Castrol Braycote[®] 868 is available in 12/1 pound cases.

Specifications

Castrol Braycote[®] 868 meets the requirements of, but is not qualified to, specification DOD-L-25681D. This product is identified by NATO Code: S-1735.

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CASTROL BRAYCOTE® 868
TYPICAL PROPERTIES

TEST METHOD	DESCRIPTION	REQUIREMENTS	RESULT
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Base Oil:

D 1500	Color, ASTM	2.0 Maximum	<0.5
D 92	Flash Point, °C (°F)	274 (525) Maximum	300 (572)
D 445	Viscosity		
	@ 100°C (212°F), cSt	16-22	19.5
	@ 40°C (104°F), cSt	65-85	69

Grease:

	Molybdenum Disulfide MIL-M-7866	Must Conform	Pass
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Composition Requirement:

	Molybdenum Disulfide, % wt	49-51	50
	Silicone Fluid, % wt	49-51	50
D 2595	Evaporation Loss, % wt 22 hrs @ 149°C (300°F)	Report	4.5
D 217	Penetration Worked @ 25°C (77°F), mm ⁻¹		240

Health, safety and environmental information are provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products. Castrol will not accept liability if the product is used other than in the manner or with the precautions or for the purpose(s) specified. Before using the product other than directed, please contact Castrol for consultation.