



Product Data

Castrol Tribol Foodproof 8765

Water-resistant food machinery grease

Description

CASTROL TRIBOL™ FOODPROOF 8765 is a highly viscous grease especially developed for the food and beverage industries. Due to its good water resistance it is particularly suited for lubricating points which are exposed to water contamination e.g. due to periodical cleaning of the equipment.

The raw materials are selected to meet the requirements of NSF H1, i.e. CASTROL TRIBOL FOODPROOF 8765 can be used for applications where incidental food contact is possible.

- CASTROL TRIBOL FOODPROOF 8765 is manufactured from white oils, a synthetic fluid and a bentonite thickener selected to meet NSF H1 requirements.
- CASTROL TRIBOL FOODPROOF 8765 offers good adhesion and excellent water stability due to the selected thickener and base oils. Applications exposed to water and even under water are sufficiently lubricated.

Application

- CASTROL TRIBOL FOODPROOF 8765 was developed for the lubrication of sliding and rolling bearings subjected to water or even operating under water.
- Due to its good adhesion it is also suited for the lubrication of ways and slides.
- CASTROL TRIBOL FOODPROOF 8765 is also suited for the lubrication of gears due to its good adhesion and the high base oil viscosity.
- Temperature application range: - 30 to + 120°C

Advantages

- CASTROL TRIBOL FOODPROOF 8765 may be used in all applications where incidental food contact is possible, as it is formulated to meet NSF H1 requirements.
- The good adhesion, the high dropping point and the cosmetic appearance contribute to a clean maintenance in the food and beverage industries.

Typical Characteristics

Test	Method	Unit	Value
CASTROL TRIBOL FOODPROOF		-	8765
DIN classification	DIN 51502	-	KP 1 K -30
NLGI grade	DIN 51818	-	1
Appearance	-	-	light brown, smooth
Thickener type	-	-	bentonite
Worked penetration	DIN ISO 2137	0.1 mm	310 - 340
Dropping point	DIN ISO 2176	°C	> 300
Base oil properties			
Viscosity at + 40°C	DIN 51366	mm ² /s	532.5
at + 100°C			37.7
Viscosity index	DIN ISO 2909	-	110
Water resistance at 90°C	DIN 51807/1	-	0
Copper corrosion, 100°C, 24 h	DIN 51811	-	1
Four ball EP test Weld load	DIN 51350-04-A	N	1800
Four ball wear test Wear scar diameter	DIN 51350-05-E	mm	< 0.80
SRV test, 5ae Coefficient of friction Wear scar diameter	DIN E 51834-02-S	μ mm	0.10 – 0.11 < 0.50
Rolling stability, change of penetration	ASTM D 1831	%	18
Flow pressure at - 20°C - 30°C - 35°C	DIN 51805	hPa	< 180 < 500 < 900

1 mm²/s $\hat{=}$ 1cSt

Subject to usual manufacturing tolerances

Additional Information

- CASTROL TRIBOL FOODPROOF 8765 is not miscible with other greases. Relubrication intervals should only be extended after thorough cleaning from previously used greases.

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