

Castrol Tribol 1390

Special corrosion protection oil

Description

CASTROL TRIBOL® 1390 is a universal corrosion protection oil for equipment and components and was especially developed for the protection and conservation of enclosed gear units.

Quite frequently machines and components do not go into operation immediately. If short-term storage or longer transports are necessary, these units are subject to corrosion and have to be protected against this. To achieve this, traditionally products are used that are not compatible with synthetic lubricants used for operation and therefore have to be removed (flushed out) before startup.

- CASTROL TRIBOL® 1390 is manufactured from polyglycols with addition of EP and antiwear additives, as well as oxidation inhibitors which give the final product excellent lubrication properties.
- CASTROL TRIBOL® 1390 has excellent corrosion protection properties due to a novel additive package.
- CASTROL TRIBOL® 1390 does not need to be flushed before topping up with operating lubricants based on polyglycols. With correct application, the remaining quantities of TRIBOL® 1390 have no negative effects on lubrication.

Application

- CASTROL TRIBOL® 1390 may also be used as a "running-in lubricant" regardless of the lubricant used in operation. After draining, a film of 40 to 60 m (depending on temperature and duration of the draining process) of CASTROL TRIBOL® 1390 protects the surface.

Advantages

- Can be used as a pure corrosion protection fluid or as a "running-in lubricant".
- It can be used regardless of the subsequent operating lubricant and can remain in the unit.
- CASTROL TRIBOL® 1390 has good lubricating properties and can be used as operating lubricant in special applications.

Typical Characteristics

	Unit	Value		Test Method
CASTROL TRIBOL® 1390	-	1390/220	1390/460	-
ISO viscosity grade	-	220	460	DIN 51519
Viscosity at + 40°C + 100°C	mm ² /s	220 34	460 71	DIN 51550
Viscosity index	-	200	234	ISO 2909
Emcor test (modified for oils) * Distilled water	degree	0/0	0/0	DIN 51802
Copper corrosion (corrosion degree, 24 h/100°C)	-	1	1	EN ISO 2160
Miscibility with synthetic polyglycol oils	-	miscible		-
Miscibility with water	-	not miscible		-
Four ball wear test Wear scar diameter	mm	0.40	0.40	DIN 51350-03-B
FZG test (A/8. 3/90) scoring load stage	-	> 12	> 12	DIN 51354

1 mm²/s ^ 1cSt

Subject to usual manufacturing tolerances.

Additional Information

- CASTROL TRIBOL® 1390 must not be mixed with other corrosion protection fluids.
- CASTROL TRIBOL® 1390 is compatible with NBR, FKM and EPDM sealing materials as well as most two-component lacquers.
- CASTROL TRIBOL® 1390 can be used as a pure corrosion protection fluid and may be applied by dipping, spraying, brush or other common methods used. Excess amounts should be able to drip off. The remaining film on the surface ensures excellent protection.

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