



Product Data

Castrol Brayco 460 Jet Engine Lubricating Oil

Description

Castrol Brayco™ 460 is a petroleum-based, jet engine lubricating oil. The base oil is a highly refined mineral oil meeting the highest standards of quality.

Application

Brayco 460 is designed for use in older jet engines and other high-speed turbines that require this type of petroleum-based turbine oil. Brayco 460 may also be used in various applications requiring low temperature operation and good viscosity behavior.

Shelf Life

Brayco 460 has a maximum recommended shelf life of 6 years from date of manufacture. This shelf life assumes that the product is stored in its original unopened packaging in ambient temperature conditions.

Specifications

Brayco 460 meets the requirements of and is qualified to MIL-PRF-6081D, Grade 1010. This fluid is identified by NATO Code Number: O-133. A

Typical Characteristics

Test	Method	Units	Specification Requirements	Typical
Gravity, API @60°F/16°C	ASTM D287	degrees		29
Specific Gravity @16°C/60°F	Table 3	g/ml		0.88
Density @16°C/60°F	Table 8	Lbs/gal		7.3
Viscosity @38°C/100°F	ASTM D445	cSt	10.0 Minimum	10.53
Viscosity Stability Change, 3 hours @-40°C	ASTM D2532	% change	2 Maximum	0.40
Flash Point, COC	ASTM D92	°C/°F	133/270 Minimum	142/288
Gravimetric Contamination	FTM 3010	mg/L		1.38
Pour Point	ASTM D97	°C/°F	-57/-70 Maximum	-59/-74
Color	ASTM D1500		5.5 Maximum	<1.0
Copper Strip Corrosion, 3 hours @121°C/250°F	ASTM D130		1 Maximum	1
Total Acid Number	ASTM D974	mg KOH/ gm	0.10 Maximum	0.02
Trace Sediment, ml per 200 ml of oil	ASTM D2273	ml	0.005 Maximum	0
Workmanship	Spec 3.4	Pass/Fail	Pass	Pass

Subject to usual manufacturing tolerances.

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. User accepts all risks and liabilities if the product is used other than in the manner, with the precautions, or for the purpose(s) specified. Before using the product other than directed, please contact Castrol ILS for consultation.

Castrol Brayco 460
07.30.2007, version 1
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All reasonable care has been taken to ensure that the information contained in this publication is accurate as of the date of printing. However, such information may, nevertheless, be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol Ltd products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.

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