

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.

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	0.4
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.

Additional Information

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

Storage

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.

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