



Product Data

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

Name	Method	Units	MIL-PRF-6081E specification	Brayco 460
API Gravity	ASTM D287	-	-	29
Specific Gravity @ 15°C / 59°F	ISO 3675 / ASTM D1298	-	-	0.88
Density @ 15°C / 59°F	ISO 12185 / ASTM D4052	lbs/gal (kg/m³)	-	7.3 (876)
Kinematic Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D445	mm²/s	10.0 max.	10.53
Viscosity Stability	ASTM D2532	% Change	2 max.	0.4
Flash Point - open cup method	ISO 2592 / ASTM D92	°C/°F	133/270 max.	142 / 288
Solid Particle Contamination	FTM 3010	mg/l	-	1.38
Pour Point	ISO 3016 / ASTM D97	°C/°F	-57/-70 max.	-59 / -74
Colour	ASTM D1500	-	5.5 max.	<1.0
Copper corrosion (3 hrs@121°C/250°F)	ISO 2160 / ASTM D130	Rating	1 max.	1
Acid Number	ISO 6618 / ASTM D974	mgKOH/g	0.10 max.	0.02
Trace Sediment	ASTM D2273	ml/200ml	0.005 max.	0
Workmanship	MIL-PRF-6081D Spec 3.4	Pass	Pass	Pass

Subject to usual manufacturing tolerances.

Additional Information

Specifications Brayco 460 meets the requirements of and is qualified to the MIL-PRF-6081E Grade 1010 specification.

This fluid is identified by the NATO Code Number: O-133. A

Brayco 460 has a maximum recommended shelf life of 6 years from date of manufacture. This shelf life is based on the product being stored in its original unopened packaging in ambient temperature conditions. Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

Storage

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