



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/m ³)	-	7.3 (876)
Kinematic Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D445	mm ² /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 and 1010N specification. This fluid is identified by the 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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BP Lubricants USA Inc., 1500 Valley Road, Wayne, NJ 07470
Telephone: +1-888-CASTROL Product Information: +1-877-641-1600
www.castrol.com/en_us/b2b/home.html