



Product Data

BRAYCO 599

Issue Number 2
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Preservation Oil

DESCRIPTION

Brayco 599 is a specially designed synthetic base, dark amber, corrosion preservative additive concentrate.

APPLICATION

Brayco 599 is designed for use as an additive for turbine engines and helicopter transmissions which use MIL-PRF-23699F lubricating oil. Brayco 599 should be added to the oil sump immediately after an oil change when the equipment is intended to be placed in storage, especially in locations where high humidity and salt spray are present. The corrosion inhibited oil should be capable of limited use, not to exceed 25 hours. Consult the engine manufacturer's manual to determine specific engine model recommendations and/or limitations.

To receive full protection for extended equipment storage, Castrol recommends addition of Brayco 599 in concentrations between 10% and 15% by volume. Lower concentrations between 5% and 10%, may be suitable for some component storage applications depending upon storage conditions and length of storage. Consult the engine manufacturer's maintenance manual or service bulletin to determine specific engine model dilution ratio recommendations.

For use in MIL-PRF-23699F synthetic turbine oils at 10-15% volume addition for storage. Meets the requirements of General Electric Aircraft Engine Group Specification D50TF6-S1.

FEATURES

BENEFITS

◆ Approved grade

◆ Corrosion preventative/limited use engine lubricant

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TYPICAL PHYSICAL CHARACTERISTICS

| Description | Test Method | Specification Requirements | Result |
|--|-------------|----------------------------|---------|
| API Gravity, ° | D287 | 17.4 - 6.6 | 12.8 |
| Specific Gravity @ 16°C | Table 3 | 0.95 - 1.02 | 0.9803 |
| Pounds per Gallon @ 16°C | Table 8 | 7.914 - 8.534 | 8.164 |
| Kinematic Viscosity, cSt @ 99°C @ 38°C | D445 | 6.6 typical 40 - 48 | 7 46 |
| Flash Point (COC), °C | D92 | 218 min | 230 |
| Total Acid N ^o , mgKOH/g | D664 | 23 typical | 22.6 |
| Pour Point, °C | D97 | -57 typical | -57 |
| Colr, ASTM | D1500 | 4.0 typical | 3.5 |
| Rust Preventing Characteristics Procedure B, 1.2% dilution 48hrs @ 60°C | D665 | Pass | Pass |

Health and Safety information sheets are available for all Castrol products from the address below:

Castrol (U.K.) Limited, Pipers Way, Swindon, Wiltshire SN3 1RE, England, Telephone: Orders/Enquiries (08459)645111, Technical Enquiries (01793)452111,

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