



Silkolene®

Race Technical Data



CASTORENE R40S & R50S

Castor Based, Synthetic Enhanced, Racing Oils

Description

CASTORENE R40S & R50S racing oils are castor oil based blends incorporating synthetic lubricants and additives which enhance the castor oil's naturally high film strength and resistance to seizure. This enhancement represents a significant advance in lubricants containing vegetable oil and minimises the risk of thickening or lacquer formation.

Application

NOTE: These are not detergent grades, and more frequent oil changes are required than with additive treated mineral oils.

CASTORENE R40S & R50S must **not** be mixed with mineral oils.

Advantages / Benefits

- Inhibitors derived from aircraft gas turbine engine technology give stability and oxidation resistance and both laboratory and racing tests have proved the products.
- Oil thickening and lacquer formation is reduced even in hot running engines such that the oils can be used for longer periods than those normally associated with castor-based products.
- Fully soluble in alcohol fuels and ideally suited for use in both air, and liquid cooled racing engines running on methanol or methanol based fuels.

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The above information is supplied to the best of our knowledge and belief on the basis of the current state-of-the-art and our own development work. Subject to amendment.



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Typical Data: CASTORENE R40S & R50S

CASTORENE		R40S	R50S	
Characteristics	Unit			Test Method
SAE		40	50	
Kinematic Viscosity				IP71
@ 100°C	mm ² /s	14.4	17.8	
@ 40°C	mm ² /s	148.4	193.4	
Viscosity Index (VI)		94	100	IP226
Specific Gravity @ 15°C		0.879	0.953	IP160

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