Product Data

Techniclean™ SC 320

Cleaning Additive for Oil Systems

Description

Castrol Techniclean™ SC 320 is an additive to clean oil systems.
Added to the oil before the oil change, Techniclean SC 320's dispersant additive package softens and removes sludge, lacquer formation, and resin- like deposits. The contaminants are then is kept in suspension and the particles are removed from the system with the oil drain.

Application

Techniclean SC 320 has been designed for cleaning of oil circulation systems and oil reservoirs of engines, gears and hydraulic systems before oil change without the application of flushing oil or an intermediate oil change.
Further, it provides improvement of the cleaning properties of conventional flushing oils or low-viscosity oils used as system cleaners before the initial fill.

Advantages

- Cleans oil systems before the oil change.
- Saves costs since flushing oil is not needed and manual cleaning is not required.
- Dissolves sludge residues and deposits into very fine particles.
- Keeps dissolved dirt particles in suspension.
- Cleans machine components from oil residues.
- Cleans systems before the initial fill or after assembly.
- Allows longer service life of the new oil due to clean oil reservoirs.
- Practically no effect on the viscosity of the oils in service.

Typical Characteristics

Description	Test Method	Unit	Value
Appearance	Visual	-	Clear, dark amber fluid
Density @ 15 °C / 59 °F	ASTM D4052 / ISO 12185	g/ml	0.95
Kinematic Viscosity @ 40 °C / 104 °F	ASTM D445 / ISO 3104	mm²/s (cSt)	320
Kinematic Viscosity @ 100 °C / 212 °F	ASTM D445 / ISO 3104	mm²/s (cSt)	25.5
Viscosity Index	ASTM D2270 / ISO 2909	-	103
Flash Point - open cup method	ASTM D92 / ISO 2592	ºC / ºF	>180 / >356

Subject to usual manufacturing tolerances.

Berreteaga N°6, A, 48150, Sondika (Bizkaia) · mendoza@comercialmendoza.es

Expertos en lubricación industrial y automoción

Experts in industrial and automotive lubrication

User Advice

Add to the oil a minimum of 48 hours before the scheduled oil change.
Metering:
- add about 5% TECHNICLEAN SC 320 to the lubricant in service
- if the level of contamination is very high or in case of initial application, the volume can be increased by up to 10%

Application of TECHNICLEAN SC 320:
- Add TECHNICLEAN SC 320 slowly into reservoir to insure good mixing of the solution.

The filter fineness should be as high as possible (< 10 µm) so that dissolved particles cannot contaminate the circulating system. When adding TECHNICLEAN SC 320 the filter elements should be carefully monitored. Dissolved residues may affect the functioning of servo valves or material pairings with close tolerances.

TECHNICLEAN SC 320 is compatible with conventional paints and sealing materials.

Maximum efficiency at + 60°C, max. + 120°C.

Storage

To avoid product deterioration always keep the container/drum tightly sealed. Store the product in a cool, dry place away from direct sunlight. Prevent exposure to frost and avoid water ingress. For optimum product stability, it is preferable to store the product indoors between 5°C and 45 °C / 41°F and 113°F.

For more details, please refer the product safety data sheet.

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Castrol Industrial, Technology Centre , Whitchurch Hill , Pangbourne , Reading , RG8 7QR , United Kingdom

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