



## Product Data

# Castrol Anvol AE 5/95

Fire resistant hydraulic fluid

## Description

**Castrol Anvol AE 5/95** category HFA-S Fire Resistant Hydraulic Fluid is a high performance synthetic water additive for use in water hydraulic systems. Anvol AE 5/95 when used as directed will provide superior lubrication and corrosion protection to hydraulic system components. Anvol AE 5/95 may be used in place of soluble oils in hydraulic systems.

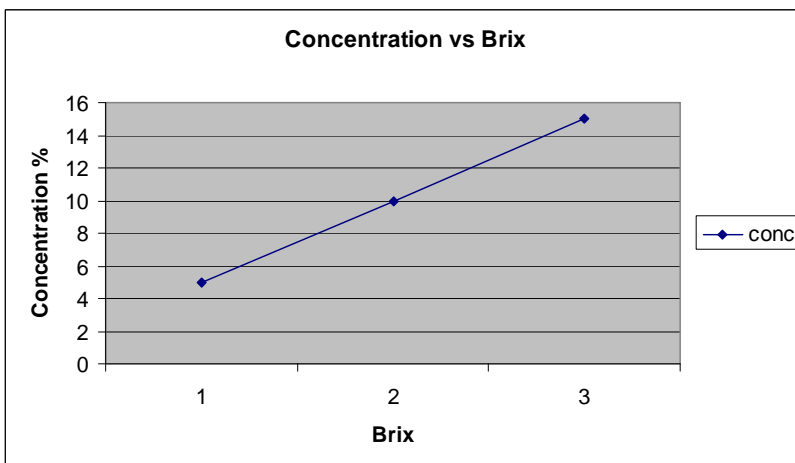
## Application

**Anvol AE 5/95** is designed for use in water hydraulic systems in areas of hazard due to high fire risk.

## Benefits

Product Feature	Customer Benefit
Excellent fire resistance	HFA-S category Fire Resistant Hydraulic Fluid, emulsion will not burn. Maximum fire protection for staff and plant.
High performance lubricity package	Longer system component life due to reduced friction.
Best in class seal compatibility	High seal material compatibility, extended seal life, reduced maintenance costs.
Advanced anti-corrosion additives	Excellent metal compatibility with common hydraulic system components, reduced corrosion, lower maintenance costs

## Technical Data



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All reasonable care has been taken to ensure that the information contained in this publication is accurate as of the date of printing. However, such information may, nevertheless, be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol Industrial Australia products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.

Industrial Lubricants and Services - Australia. GPO Box 5222BB, Melbourne VIC 3001  
Technical Advice Line 1300 557 998

[www.castrol.com.au](http://www.castrol.com.au)

Sydney 02 9795 4800. Melbourne 03 9268 4200. Brisbane 07 3850 9300. Adelaide 08 8347 6200. Perth 08 9268 9288.



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### Technical Data contd...

Property	Test Method	
Kinematic Viscosity at 40C(Cst)	IP71	4.71
Density at 15C	IP160	1.01
pH (Neat)		9.8
pH (5% Emulsion)		9.56
Foaming	ASTM D892 , IP146 Modified	
	Sequence i at 25C	20/Nil
	Sequence ii at 50C	20/Nil
	Sequence iii at 25C	50/20
Metal Compatibility	CETOP RP48H	Rating
	5% in water, at 50C for 14 days	
	Steel	0
	Copper	1
	Brass	1
	Aluminium	0
	Zinc	3
Corrosion Test	ASTM D665 /IP135 modified	No rust
Coefficient for RI		5.0
Emulsion Stability	5% in water for 600 hours at 50C	Stable

The above data is typical and does not constitute a specification.

### Changeover Procedure

Contact local Castrol representative for copy of change out procedure.

### Health, Safety and Environment

**Anvol AE5/95** is considered non-hazardous according to Worksafe. However, in line with safe handling practices, it is recommended that the handling instructions outlined in the Castrol Material Safety Data Sheet be followed.

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### Spillage:

#### Small

20 litres or less

Soak up on Castrol Diatomaceous Earth or similar inert oil absorbent. Arrange for disposal through an approved facility.

#### Large

Greater than 20 litres

Remove all sources of ignition. Increase ventilation. Evacuate all unnecessary personnel. Wear full protective equipment and clothing to minimise exposure. If possible contain the spill. Place inert absorbent material such as vermiculite, sand or dirt onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material but contain. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

#### Disposal

Oils must not be allowed to enter ground water, water courses, sewerage or drainage systems. Refer to local waste disposal authority for legal requirements.

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