

Product Data

CASTROL ANVOL WG 46

Description

Castrol Anvol WG 46 is an HFC type fire resistant hydraulic fluid made from a chemically balanced blend of water, glycol, a polymeric lubricity and thickening agent, and additives to further improve lubricity and provide corrosion protection and extend service life. Castrol Anvol WG 46 has excellent fire resistance demonstrated by the fact that the fluid cannot be ignited and has no flash point and exceeds the requirements of British Coal Board NCB 570/1981 and Bureau of Indian Standards IS 10532 Part III.

Application

Castrol Anvol WG 46 is a high performance hydraulic fluid recommended for use in hydraulic systems where a fire resistant hydraulic fluid is required. Applications include side discharge loaders, load haul dump trucks, road headers, shearers, smelting furnaces, die casting machines and hydraulic forging presses. Anvol WG 46 is suitable for use with gear, vane and piston type hydraulic pumps* and the recommended maximum bulk fluid temperature, is 65C. Continuous operation at or above this temperature is possible, but this may reduce the service life of the fluid.



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Benefits

PRODUCT FEATURE	OPERATIONAL ADVANTAGE	CUSTOMER BENEFIT
Excellent fire resistance	Will not catch fire where mineral oils would catch fire	Safer working environment
True solution is inherently stable	No separation problems	Long storage and service life
Superior anti-foam and air release properties	Helps avoid pump cavitation	Extended pump life Lower maintenance costs
Outstanding corrosion protection	Reduced wear caused by rust and corrosion particles	Improved reliability of hydraulic components. Lower Maintenance Costs
Low pour point	Improved low temperature operation	Suitable for cold start-ups

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Typical Technical Data

CHARACTERISTICS	TYPICAL VALUE
Appearance	Bluish Green Clear Liquid
Rel Density @ 15 °C	1.07
K. Viscosity @ 40 °C, cSt	46
Viscosity Index	200
Pour Point, °C	-18
Foam Tendency Stability	Nil
Rust Prev Charac	Pass
PH 5 % in Water	9.2
Water %	40

These are typical figures and do not constitute a specification.