

HYDRAULIC ST 46

STANDARD ANTI-WEAR HYDRAULIC OIL

BULWARK HYDRAULIC ST series is formulated with paraffinic base oils and provide anti-wear protection, oxidation, corrosion inhibition and demulsibility.

BULWARK HYDRAULIC ST 46 is a high quality, anti-wear fluid available in ISO VG 46 and recommended for use in light and medium duty automotive & industrial applications. They can also be used in light loaded reciprocating compressors and in gearboxes where non-EP lubricants are required.

PERFORMANCE LEVEL

- DIN 51524
- ISO 11158 L-HM
- ASTM D 6158 HM

KEY BENEFITS

- Good oxidation stability provides good service life in high pressure service.
- Excellent protection against corrosion of both copper and steel
- Minimum viscosity changes over a wide temperature range.
- The special foam suppressant minimizes both foaming and aeration problems.

TYPICAL CHARACTERISTICS

Properties	Test Methods	46
Specific Gravity @ 15 °C	ASTM D4052	0.886
Kinematic Viscosity @ 40 °C cSt	ASTM D445	45.40
Viscosity Index	ASTM D2270	95
Flash Point, COC, °C	ASTM D92	224
Pour Point, °C	ASTM D97	-18
TAN mg KOH/g	ASTM D974	0.62
Foaming Tendency/Foam Stability	ASTM D892	
Seg I		0/0
Seg II		0/0
Seg III		0/0
Color	ASTM D1500	1.5
Oxidation (TOST)	ASTM D943	>1200

PS: The above information is typical data and an indication based on current production. It does not constitute a specification.

STORAGE

All packages should be stored under cover. Where outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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