

Mobil DES 46

Hydraulic Oil

Product Description

Mobil DES 46 is a premium-quality hydraulic oil developed in cooperation with pump and component manufacturers specifically for severe hydraulic systems using high-pressure, high-output pumps. It is formulated from stable, high quality base stocks and additives which provide the superior antiwear and film strength and other performance characteristics necessary for critical hydraulic systems. Mobil DES 46 includes a special lubricity additive to enhance performance in slowly operating lift and elevator hydraulic systems.

Benefits

Mobil DES 46 offers the following benefits:

- Excellent keep-clean performance for critical systems
- Outstanding load-carrying and antiwear properties providing superior protection against wear
- Excellent lubricity and low stick-slip reduces vibration in slow elevator application
- Controlled demulsibility allowing the oil to work well when contaminated with small amounts of water but separate large amounts of water readily
- Multimetal compatibility under both wet and dry conditions, protecting pumps using steel and copper alloys
- Excellent protection against rust; good thin oil film protection for surfaces intermittently wetted by oil

Applications

Mobil DES 46 is recommended for slowly operating hydraulic systems in elevator and lift applications, where there are special requirements for low stick-slip and low vibration during operation.

Mobil DES 46 is approved for use in Shindler lift applications.

Typical Properties

Mobil DES 46	
ISO VG grade	46
Density, g/cm ³ , ASTM D4052	0,882
Viscosity, ASTM D 445	
	cSt @ 40°C
Pour Point, °C, ASTM D 97	47,0
Flash Point, °C, ASTM D 92	-30
	>200

Health and safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and when the recommendations provided in the Material Safety Data Sheet (MSDS) are observed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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