

## Alpha HFB Crusher Fluid

Crusher Fluid

### Description

Castrol Alpha™ HFB Crusher is an invert emulsion, suitable for the lubrication of crushers.

### Application

Castrol Alpha HFB Crusher Fluid can be used in large circulatory and hydraulic systems, conventionally lubricated by mineral oil of ISO viscosity 68 to 150. Recommended for use with gear pumps at a maximum operating temperature of 60°C. Recommended filtration is 25 microns (non-paper elements).

### Advantages

- Safe working conditions due to lower operating temperatures.
- Extended equipment life.
- Increased productivity.
- Lower operation costs.
- Reduced downtime and maintenance costs.
- Reduction in friction and wear.
- Lower energy consumption due to a decreased work load on crusher power.
- Higher production output .
- The product prevents corrosion despite water contact with the equipment.
- Contains anti-corrosive, anti-friction and anti-wear properties.
- Fire resistant.

### Typical Characteristics

Name	Method	Units	Crusher Fluid
Product Code			37454
Appearance	Visual	-	Off white/opaque liquid
Density @ 20°C	ISO 12185/ ASTM D4052	g/ml	0.925
Viscosity, Kinematic 40°C	ISO 3104/ ASTM D445	mm <sup>2</sup> /s	100
Water Content	ISO 3733/ ASTM D95	%	43
Centrifuge Test (30 minutes@2000rpm) Water/Oil separation	Internal	%max	1,0/2.0
Stability @50°C, 24 hours	Internal	-	Trace

Subject to usual manufacturing tolerances.

## Additional Information

### RECOMMENDED SAMPLING PROCEDURE:

*First month:*

*Once a week to check viscosity and water.*

*Second month:*

*Once every 2 weeks to check viscosity, water and additive level.*

### STORAGE:

Do not store drums in direct sunlight where temperature can exceed 50°C. Do not store for prolonged periods at temperatures lower than 5°C.

## 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 damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing condition

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