

Please direct inquiries to:

Chevron Phillips Chemical Company LP
Mining Chemicals
10001 Six Pines Drive
The Woodlands, TX 77380
Phone: (832) 813-4876
Facsimile: (832) 813-4971
U.S. and Canada toll free: 1-800-858-4327



PHILFLO® Flotation Oil

PHILFLO® Flotation Oil is non-polar extender for use in phosphate and potash flotation. It can be mixed directly with fatty amine and fatty acid collectors. It offers improved recovery by enhancing the flotation of coarser particles at lower dosages than fuel oil, kerosene, and other similar oils used for flotation. It is a denser extender than PHILFLO® 50.

- APPLICATION:** Dosages rates are ore dependent but typically range from 0.05 to 2.0 lbs./ton (24 g to 1 kg/ton) of flotation feed.
- BENEFITS:** PHILFLO® Flotation Oil promotes flotation of relatively coarse particle sizes (> 28 mesh) and provides improved recovery.
- PHILFLO® Flotation Oil has a low pour point, controlled viscosity, and consistent performance.
- AVAILABILITY:** PHILFLO® Flotation Oil is currently available in drum, tank truck, and tank car quantities.
- MATERIAL HANDLING:** Refer to the Material Safety Data Sheet for complete safety and health information.

Typical Composition (1)	Value
Specific Gravity, 60°F (15.6°C), gm/cc	1.04
Pounds per Gallon	8.6
Composition, wt. %	
Light Cycle Oil	45 - 55
Slurry Oil	45 - 55
Flash Point, PMCC (°F/°C)	170/ 77
Viscosity, cSt @ 170/125/42 °F	12.6/30.4/512.3
Pour Point, (°F/°C)	- 22 / - 30
Solubility in Water	Negligible
Appearance and Odor	Black / mild odor

(1) Not tested for or reported for individual lots. For informational purposes only.

MSDS # 59530

Revision Date: 05.052008



Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Chevron Phillips Chemical Company LP does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user.