



**Product**

**Type**

**EZ-MULZ™ 1475**

**Metal Processing**

**Natural medium molecular weight sodium sulfonate**

**Application**

EZ-Mulz 1475 is an oil-soluble medium molecular weight natural sodium sulfonate. It is suitable for emulsifying naphthenic and paraffinic oils.

Because natural sodium sulfonates have a wide distribution of molecular weights, they provide both excellent emulsification and corrosion protection.

EZ-Mulz 1475 is a good wetting and dispersant agent for pigments as well as an excellent ore flotation aid.

**Typical Properties**

<b>Test</b>	<b>Typical</b>
<b>Appearance</b>	<b>Dark brown, highly viscous liquid</b>
<b>Specific gravity at 25° C</b>	<b>0.93</b>
<b>Average molecular weight</b>	<b>1090</b>
<b>Active content, wt. %</b>	<b>&gt;60</b>
<b>Water wt. %</b>	<b>4.5</b>

**Benefits**

- Excellent emulsifier for most mineral oils with or without EP additives
- Superior corrosion protection compared to synthetic medium molecular weight sodium sulfonates
- Good wetting and dispersant agent

**Typical Use Rates**

EZ-Mulz 1475 should be used 1.0 to 10.0 wt. % of the finished soluble oil or semi-synthetic fluid. It is compatible with most mineral base oils, white oils and synthetic base stock.

## Storage and Handling

Recommended Maximum Long Term Storage Temperature*	< 200° F
Recommended Minimum Temperature for Use	170 -180° F
Flash Point	172°C COC
Pour Point	Melting Point 33°C

\*Do not store with excessive heat (>150° F) over long periods.



### Lockhart Chemical Company

4302 James P Cole Boulevard Flint, MI 48505

Phone: 1-810-789-8330 Fax:1-810-789-3266

[www.lockhartchem.com](http://www.lockhartchem.com)

email: [customerservice@lockhartchem.com](mailto:customerservice@lockhartchem.com)

**DISCLAIMER:** To the best of our knowledge, the information and recommendations contained herein are accurate. However, this information and recommendations are furnished without any warranty, representation or license of any kind. Users of our products are encouraged to run their own tests to ensure product fitness for their applications. Furthermore, users assume sole liability for any patent infringement that occurs by reason of following our recommendations or using the information given

EZ-Mulz is a Trademark of the Lockhart Chemical Company

2/1/2017