

OLIVE RESIDUE

Olive Residues are by-products that are left after any remaining oil have been extracted from the olive. The remaining oil content is below 3%. Following olive residues are known:

- Olive cake
- Olive stone (pits)
- Pelletized olive residues (cake+pits)
- Crushed olive residues (cake+pits)

Experiences showed that pure olive cake and pure olive stones are difficult to handle. The best is to use a mixture of both where crushed olive residues are less expensive.



Picture 1: Sample of Olive cake

Picture 2: Unloading of olive cake & olive stones

Typical characteristics:

- | | |
|-------------------|-----------------------|
| • Moisture | 10-15 % a.r. |
| • Ash | 6-10 % a.r. |
| • Volatile matter | 60-75 % a.r. |
| • NCV | ~16 MJ/kg a.r. |
| • Oil content | < 3 % |
| • Sulfur | ~0,1 % a.r. |
| • Chlorine | ~0,3 % a.r. |
| • Density | 500 kg/m ³ |

Logistics:

- | | |
|-------------|----------------|
| • Shiploads | 3.000 – 5.000t |
| | Bulk |

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