OSR (F,M,C)
SHALE INHIBITOR

OSR (F,M,C) is a sized synthetic hydrocarbon resin. It is an oil-soluble bridging material with increasing particle diameters by ascending product names **OSR-100** (Fine; 1 – 150 microns), **OSR-30** (Medium; 1 – 650 microns), **OSR-4** (Coarse; 1 – 4,800 microns). OSR is soluble in various types of diesels, oils and condensates.

FEATURES AND BENEFITS:

- Quick and effective bridging in loss/thief zones.
- Non-damaging to the formation.
- Easily cleaned up when the well is put on production.
- Is intended for use in oil and gas condensate well programs.
- When using OSR in a circulating system, it is important to minimize the amount of oil.

RECOMMENDED TREATMENT:

Control Seepage Losses:	3 - 16 kg.m³ OSR-30.
Control Moderate Lost Circulation:	40 kg/m³ of each OSR-30 and OSR-4.
Control Severe Lost Circulation:	106 kg/m³of each OSR-30 and OSR-4.

PHYSICAL PROPERTIES:

Appearance:	Amber flakes; aromatic odour
Specific Gravity:	~ 1.09 @ 25°C
Solubility:	Insoluble
Flash Point:	> 171°C (closed cup)

MIXING/HANDLING:

Add into the pump suction while circulating or pumping down. The largest particle size should be added first and the smallest last. The resin particles are hydrophobic and prefer the oil-wet state. Therefore, it is important to ensure the resins are always water-wet. A wetting agent such as Super-Wet 250 must be added to effectively water-wet the OSR. Refer to the SDS for specific precautions and handling requirements.

MICROTOX® THRESHOLD: TBD

PACKAGING: 22.68 kg bags / 40 bags/pallet