

INFORMATION

OIL AID-OG-1

OIL GELLANT

DESCRIPTION

OIL AID-OG-10 is an efficient liquid oil gellant for use in Messina's OIL AID GELLED OIL SYSTEM. Its properties are:

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|----------------------------|---------------------|
| Form | Clear, Amber Liquid |
| Specific Gravity at 60 ° F | 0.98 |
| Pour Point | 25 ° F |
| Flash Point | 146 ° F |
| Charge | Anionic |
| Viscosity at 75 ° F | 54 cps |
| pH | 1.0 |

APPLICATION

The OIL AID GELLED OIL SYSTEM is an effective two-component oil gellant for use with crude oils, kerosene or diesel oils. It is composed of OIL AID-OG-10, an oil gellant, and OIL AID-OA-10, an activator, and can be broken with OIL AID-OB-10. (See product data sheets on OIL AID-OA-10 and OIL AID-OB-10).

The system is capable of gelling 90% of crude oils tested (from an API gravity of 30° to high density condensates), kerosene, diesel oil and blends of crude oils with these solvents. OIL AID-OG-10 will withstand downhole temperatures above 200° F and will produce a gel at surface temperatures below 40° F.

OIL AID-OG-10 also exhibits excellent friction reduction qualities.

RECOMMENDED TREATMENT

OIL AID-OG-10 is added directly to the frac tank at a concentration of 10 to 16 gal per 1000 gal of oil, depending on ability of the particular oil to gel.

The normal dosage of OIL AID-OA-10 is 1.35 gal per 10 gal of OIL AID-OG-10. To achieve maximum viscosity, each formation crude oil needs to be tested to determine the proper dosage of OIL AID-OG-10 and OIL AID-OA-10.

HANDLING

OIL AID-OG-10 should be kept away from sparks, heat, and open flames. When handling OIL AID-OG-10, rubber gloves and a face shield should be worn. Do not take internally. Do not get in eyes, on skin or on clothing.

PACKAGING

OIL AID-OG-10 is available in 55-gal steel drums and 5-gal cans.

OIL AID-OG-10 is a Messina trademark