



TECHNICAL DATA SHEET

SYNTHETIC NON-CONDUCTIVE ANTI WEAR HYDRAULIC OILS

ISO 22 PRODUCT # 10691, 10692, 11127

ISO 32 PRODUCT # 11107, 11108, 11109

ISO 46 PRODUCT # 10917, 11128

GRADE, ISO	ASTM	22	32	46
API Gravity	D-1298	37.7	36.73	35.3
Specific Gravity @ 60°F	D-1298	0.837	0.84	0.848
Density @ 60°F, Lbs/US Gal	D-1298	6.97	6.97	7.06
Color	D-1500	0.5	0.5	0.5
Flash Point, COC °F	D-92	425	425	493
Viscosity @ 40°C cSt	D-445	22	28.8-35.2	46
Pour Point, °C	D-97	-21	-21	-15
Foaming Tendency SEQ II	D-892	0/0	0/0	0/0
Dielectric Strength, kV	D-877	38	38	45

Lucas Synthetic Non-Conductive Anti-wear Hydraulic Oils are formulated with pure synthetic base oils (API Group III) and additives that provide excellent oxidative and thermal stability. They provide excellent wear protection and reduce deposits and sludge and contain an effective foam inhibitor which minimizes foam. Dielectric strength of 38 kV makes them excellent non-conductive fluids. The minimum value required is 35 kV. Dielectric strength is extremely sensitive to humidity and contamination. Once the containers are opened, the dielectric strength cannot be expected to remain at its original value. Containers should be kept tightly sealed and stored in a dry environment.

Lucas Synthetic Non-Conductive Anti-wear Hydraulic Oils are recommended for use wherever non-conductive fluids are required. Typical uses include cherry pickers and firetruck snorkels. High flash point reduces danger of fire.

Lucas Synthetic Non-Conductive Anti-wear Hydraulic Oils are filtered before packaging to an ISO Cleanliness rating of 16/14/11.