

PRODUCT NAME
LOMA AW HYDRAULIC OIL ZF

DESCRIPTION & APPLICATIONS
Loma ZF is a series of high performance anti wear hydraulic oil formulated using highly refined HVI base oils with zinc-free anti wear additives. They contain oxidation and corrosion inhibitors and anti foam additives. Loma ZF oils are thermally stable fluids capable of handling high loads and temperatures. They are compatible with most pumps, valves and seal materials used in hydraulic systems.

FEATURES & BENEFITS
Loma ZF oils provide excellent wear and corrosion protection, ensuring good equipment life and decreased downtime. The thermal stability characteristics permit higher operating temperatures and provide long fluid life. Loma ZF has enhanced air release and anti-foam properties that prevent cavitation. It displays excellent filterability to prevent filter blockages, and good demulsibility to ensure that hydraulic system performance is maintained even with considerable water contamination. NOTE: Loma ZF oils are suitable for use with pumps containing silver plated components due to their zinc free anti wear additives.

SPEC'S & APPROVALS
Loma ZF grades meet the following international performance specifications: ISO Viscosity Grades 32, 46, 68, 100, 150 Denison HF-0, HF-1, HF-2 Vickers 35VQ25

HEALTH / SAFETY & ENVIRONMENT
Health, safety and environmental information is provided on the Material Safety Data Sheet for this product. Users should consult the MSDS, follow the precautions outlined and comply with all laws and regulations concerning its use and disposal.

TYPICAL CHARACTERISTICS						
Key Performance Specs	Test Method	ISO 32	ISO 46	ISO 68	ISO 100	ISO 150
Density @ 15° C, kg/L	ASTM D1298	0.86	0.87	0.88	0.89	0.89
Viscosity cSt @ 40° C	ASTM D445	29	44	65	95	143
Viscosity cSt @ 100° C	ASTM D445	4.9	6.2	7.9	10.9	13.1
Viscosity Index	ASTM D2270	105	99	97	95	95
Pour Point °C		-18	-18	-18	-15	-12
Flash Point °C	ASTM D-892	201	201	204	213	213
Rust Test	ASTM D66	Pass	Pass	Pass	Pass	Pass
FZG Stages Passed		12	12	12	12	12

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Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications, and do not constitute any legal liability. Information is correct at time of printing.

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