

Hi-Force HYDRAULIC TOOLS		HFO HYDRAULIC OIL - SPECIFICATION			TDS:- 1470
Prepared by:-	Mark Dalley		Approved by:-	M. Macfie	Date: 12/03/20
REV NO:-	1	2			
ECO:-	5024	5629			

HFO HYDRAULIC OILS

Hi-Force HFO Oils are premium grade high viscosity index Hydraulic / Lubricating oils, with superior wear control and corrosion and oxidation inhibition. They offer superior viscosity/temperature characteristics and can be used where extremes of ambient temperatures are encountered. Meeting the requirements of National and International specifications.

SPECIFICATIONS

AFNOR: NF E 48-603 HM-HV
DIN: 51524 part 2 & 3.
CINCINNATI: MILACRON P-68/69/70
DENNISON: HF0. HF-2
VICKERS: M-2952-S. I-286-S
AFNOR: NF E 48-690.
US STEEL: 127

ADVANTAGES / BENEFITS

- Outstanding protection against corrosion and wear.
- Excellent antifoam characteristics.
- Superior thermal and oxidative stability.
- Good demulsibility.
- Viscosity Index 155 (Typical).
- Pour Point -33 (Typical).

PHYSICAL AND CHEMICAL PROPERTIES

GRADE	VISCOSITY @ 40°C	F/P MIN	SG @ 15C	+-
HFO15	13.5-16.5	120°C	0.860	0.015
HFO32	28.8-35.2	150°C	0.870	0.015
HFO46	41.4-50.6	150°C	0.874	0.015

Note: HFO32 is now obsolete. Included for information on legacy product ONLY. Not to be specified in future.

Scope of use:

HFO15 is suitable for all Hand operated pumps and Jacks. HFO46 is for power driven equipment. Cross contamination between the two grades will not cause any issues.

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