



## Ultramax ECO AF Range

Group II based, zinc free anti-wear hydraulic oils

Product code: See table below

### Product Description:

Manufactured from very pure, low sulphur Group II base oils which possess outstanding oxidation resistance and thermal stability, this range of energy-efficient hydraulic fluids is fortified with carefully selected additives to further improve performance characteristics including anti-corrosion to protect the system should water be present, anti-wear to reduce wear in pumps used in hydraulic systems, antioxidant and antifoam. All components are zinc and ash free to maximise cleanliness and to provide the best possible filterability.

### Benefits:

- Long oil life
- Increased energy efficiency
- Good demulsification characteristics
- Excellent anti-wear performance
- High oxidation resistance and thermal stability
- Excellent filterability

### Applications:

Ultramax ECO AF oils are suitable for a wide variety of applications. These include industrial hydraulic systems, agricultural and plant equipment, mobile units such as jacks, lightly loaded gears and many others.

### Product Specification:

DIN	51524 Part 2, Category HLP
ASTM	D6158
Eaton	35VQ25
Bosch Rexroth	RE 90220
Sperry Vickers	M-2950-S, I-286-S
Cincinnati Milacron	P-68 (ISO 32), P-70 (ISO 46), & P-69 (ISO 68)

ISO	11158 (HM)
SAE	MS 1004
AFNOR	NFE 48603 (HM)
GM	LS-2 (ISO 32 - 68)
Denison	HF-0, HF-1 & HF-2

### Typical Test Data:

Ultramax	ECO AF 232	ECO AF 246	ECO AF 268	ECO AF 2100
Product Code	H214	H215	H213	H206
ISO Viscosity	32	46	68	100
Appearance	Clear pale liquid	Clear pale liquid	Clear pale liquid	Clear pale liquid
Density @ 15.6°C	0.858	0.862	0.866	0.879
Kinematic Viscosity @ 40°C (cSt)	32.0	46.0	68.0	100.0
Kinematic Viscosity @ 100°C (cSt)	5.50	7.00	9.00	11.80
Viscosity Index	108	106	108	110
Flash Point (COC °C)	220	230	250	260
Pour Point (°C)	-33	-33	-30	-30