

CORVETTE® SIGMA HYDRAULIC OILS

DESCRIPTION:

CORVETTE SIGMA is a range of high-quality mineral oils. Their natural properties are enhanced by the incorporation of anti-wear, anti-oxidation, anti-foam, and anti-corrosion additives.

APPLICATION:

CORVETTE SIGMA range is recommended for the lubrication of:

- Mobile hydraulic fluid power transmission systems
- Industrial hydraulic systems
- Centrifugal pumps
- Injection molding machines, as well as many applications require oil with good antioxidant properties.

COMPATIBILITY OF CORVETTE SIGMA WITH HYDRAULIC COMPONENTS:

Compatible with all seal materials and paints normally specified for use with mineral oils.

BENEFITS:

- Extended service life.
- Reduced downtime.
- Higher productivity.
- Full range of viscosity grades.
- Maximum anti-wear, anti-corrosion, and anti-foaming
- Thermal and oxidation stability
- Good water separation properties (Demulsibility).

Specifications

CORVETTE SIGMA Oils meet the requirements of:

- DIN 51524 PART 2
- ISO 11158
- AFNOR NFE 48603
- DENISON HF-0
- Eaton (Vickers) 104C

Typical Physical Characteristics

CORVETTE SIGMA	Unit	Method	32	37	46	68	100
ISO Oil Type	ISO 11158		HM	HM	HM	HM	HM
Kinematic Viscosity		ASTM D 445					
@40°C	cSt	-	32	37	46	68	100
100°C	cSt	-	5.43	5.95	6.8	8.72	11.25
Viscosity Index	-	ASTM D 2270	104	104	102	100	98
Density @ 15°C	kg/l	ASTM D 1298	0.875	0.875	0.879	0.886	0.891
Flash Point (COC)	°C	ASTM D 92	210	215	220	230	240
Pour Point	°C	ASTM D 97	-18	-15	-12	-12	-12

- These characteristics are typical of current production. Whilst future production will conform to CORVETTE specifications, variations in these characteristics may occur.
- For further guidance on Product Health & Safety refer to the appropriate CORVETTE Product Safety Data Sheet.
- Dispose of the used oil to an authorized collection point. Do not discharge into drains, soil or water.



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