

KRAMER SHOVEL LOADERS 412E


ENGINE Deutz F3L-912-K35L

USE	CLIMATE
Normal	Tropical

PRODUCT RECOMMENDATION 1

Multifleet SCD 40
Change every 150 hours

USE	CLIMATE
Normal	Mediterranean

PRODUCT RECOMMENDATION 1

Multifleet SCD 30
Change every 150 hours

USE	CLIMATE
Normal	Cold

PRODUCT RECOMMENDATION 1

Multifleet SCD 20W-20
Change every 150 hours

USE	CLIMATE
Normal	Arctic

PRODUCT RECOMMENDATION 1

Multifleet SCD 10W
Change every 150 hours
DIFFERENTIAL FRONT

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1

Gearlube GL-4 80W-90

PRODUCT RECOMMENDATION 2

Unigear HS GL-3/GL-5 80W-90
Change every 1200 hours
FINAL DRIVES FRONT AND REAR

USE	CLIMATE
Normal	Moderate

PRODUCT RECOMMENDATION 1

Gearlube GL-4 80W-90

PRODUCT RECOMMENDATION 2

Unigear HS GL-3/GL-5 80W-90
Change every 1200 hours

KRAMER SHOVEL LOADERS 412E**GEARBOX/REAR AXLE DIFFERENTIAL**

USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1		
ATF Dexron II-D		
<i>Change every 600 hours</i>		

HYDRAULIC SYSTEM

USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	
ATF Dexron II-D	ATF-A	
<i>Change every 1200 hours</i>		

GREASE POINTS/NIPPLES

USE		CLIMATE
Normal		Moderate
PRODUCT RECOMMENDATION 1	PRODUCT RECOMMENDATION 2	PRODUCT RECOMMENDATION 3
Labora Grease	Q5 MP Calcep Grease EP 2	MP Lithep Grease EP 2

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